

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: P599467

Luminaire Tested: **IFLD-S-SA6A-735-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: P599467
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

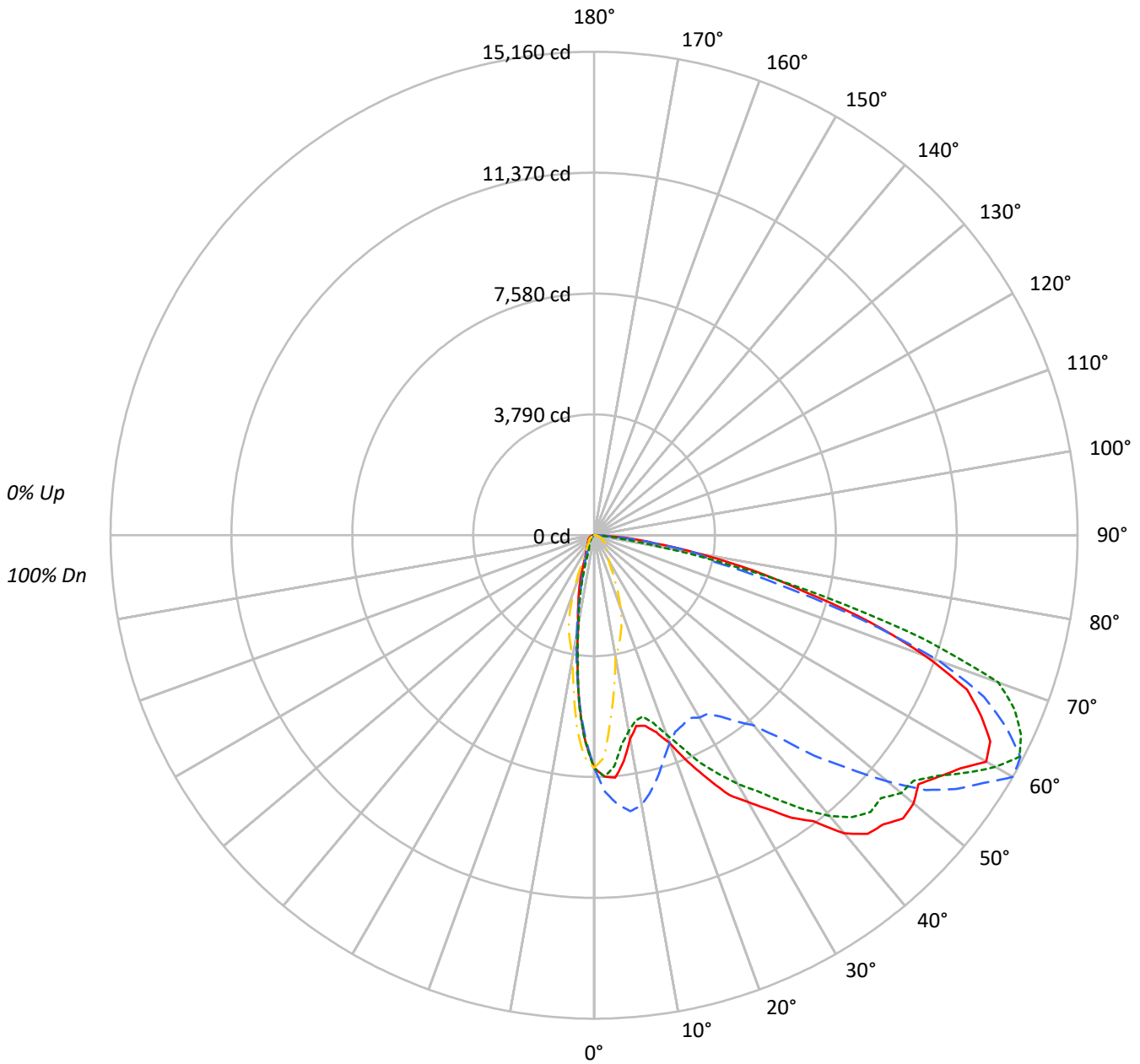
Lumens per Lamp: N/A
 Luminaire Lumens: 19388.5 lumens
 Efficiency: N/A
 Efficacy: 102.3 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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	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°	52313	52313	52313	52313
5°	54974	52326	38228	38452
10°	47271	45461	20900	20410
15°	45964	43696	13578	10231
20°	52981	50767	7275	3637
25°	66616	62311	4714	2828
30°	80011	74562	3818	2317
35°	94749	88898	3129	1860
40°	114316	107623	2764	1406
45°	130149	124474	2575	946
50°	146004	140340	2543	578
55°	165112	164529	2526	259
60°	203751	208580	2303	75
65°	227343	250728	2111	0
70°	231815	282980	1955	0
75°	188626	208722	1866	0
80°	137148	87294	1926	0
85°	88666	36664	2561	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	553.8	2.9
10°-20°	1086.0	5.6
20°-30°	1502.9	7.8
30°-40°	2123.9	11.0
40°-50°	2891.7	14.9
50°-60°	3829.9	19.8
60°-70°	4446.8	22.9
70°-80°	2518.3	13.0
80°-90°	435.1	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°	3142.7	16.2
0°-40°	5266.6	27.2
0°-60°	11988.3	61.8
0°-90°	19388.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19388.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7290	7290	7290	7290	7290	
5°	7632	7264	5307	5338	7632	685
15°	6187	5882	1828	1377	6187	1815
25°	8414	7870	595	357	8414	3924
35°	10816	10148	357	212	10816	6818
45°	12825	12266	254	93	12825	9943
55°	13198	13151	202	21	13198	11957
65°	13389	14766	124	0	13389	13052
75°	6803	7528	67	0	6803	7425
85°	1077	445	31	0	1077	1294
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°	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0
2.5°	7574.7	7735.2	7740.4	7812.9	7885.4	7885.4	8056.2	8014.8	7864.7	7838.8	7730.0
5°	7631.7	7688.6	7730.0	8097.6	8408.3	8377.2	8470.4	8408.3	8118.4	7745.6	7491.9
7.5°	7139.8	7201.9	7367.6	7994.1	8413.5	8553.3	8729.3	8341.0	8035.5	7362.4	6875.7
10°	6487.4	6606.5	6912.0	7626.5	8144.2	8589.5	8589.5	8278.9	7688.6	7031.1	6435.7
12.5°	6125.0	6363.2	6528.9	7253.7	7926.8	8232.3	8221.9	8056.2	7673.1	6844.7	6171.6
15°	6187.1	6254.4	6606.5	7170.9	7616.1	7600.6	7787.0	7735.2	7466.0	7010.4	6270.0
17.5°	6471.9	6575.5	6880.9	7170.9	7383.1	7321.0	7315.8	7564.4	7579.9	7290.0	6637.6
20°	6937.9	7243.4	7388.3	7476.3	7217.5	6953.4	6922.3	7269.2	7538.5	7647.2	7077.7
22.5°	7683.4	7885.4	8180.5	7730.0	7057.0	6725.6	6663.5	7046.6	7590.2	8071.8	7647.2
25°	8413.5	8568.8	8853.6	8273.7	7238.2	6679.0	6570.3	6901.6	7787.0	8662.0	8335.8
27.5°	9184.9	9319.5	9350.6	8672.3	7336.5	6585.8	6456.4	6901.6	7952.7	8972.6	9159.0
30°	9656.1	9816.6	9847.6	9024.4	7497.1	6663.5	6601.3	6932.7	8066.6	9236.7	9749.3
32.5°	10184.2	10225.6	10199.7	9086.6	7673.1	6891.3	6632.4	7139.8	8196.0	9552.5	10287.7
35°	10815.8	10888.3	10624.3	9371.3	8066.6	7036.3	6943.1	7393.5	8418.7	9697.5	10940.1
37.5°	11297.4	11525.2	10929.7	9480.0	8144.2	7341.7	7357.3	7921.6	8574.0	9873.5	11659.8
40°	12203.4	11820.3	11447.5	9852.8	8439.4	7859.5	7776.6	8465.2	9096.9	9987.4	12130.9
42.5°	12700.5	12498.5	11649.4	9889.1	8895.0	8574.0	8594.7	9081.4	9371.3	10308.4	12260.4
45°	12824.7	12612.4	11923.8	9915.0	9345.4	9417.9	9775.2	9868.4	9775.2	10520.7	12503.7
47.5°	13140.6	12679.8	11892.8	10261.8	10075.5	10355.0	10810.7	11012.6	10324.0	10443.1	12617.6
50°	13078.4	12814.4	11825.5	10406.8	10966.0	11706.4	12011.9	11929.0	10934.9	10282.6	12493.4
52.5°	12819.5	12534.8	12032.6	10800.3	11799.6	12695.3	13119.8	12912.7	11478.6	10645.0	12410.5
55°	13197.5	12980.0	12301.8	11333.6	12426.1	13565.1	13865.4	13710.1	12146.5	10981.5	12881.7
57.5°	13606.5	13559.9	13031.8	11960.1	13166.4	14460.8	14460.8	14269.3	12726.3	11468.2	13580.6
60°	14196.8	14300.3	13570.3	12374.3	13420.1	14409.0	15159.8	14937.2	13311.4	12322.5	14372.8
62.5°	14005.2	14336.6	14264.1	13264.8	13710.1	14662.7	15071.8	15237.4	14036.3	13363.2	15429.0
65°	13389.1	13741.1	14258.9	13849.9	13492.6	14046.6	14253.7	14755.9	14398.7	14341.7	15863.9
67.5°	12653.9	13037.0	13358.0	14243.4	13052.5	13420.1	13238.9	13399.4	14005.2	15413.5	16112.4
70°	11048.8	11416.4	11923.8	13368.4	11887.6	11556.2	11509.6	11432.0	12374.3	15030.3	14983.7
72.5°	9086.6	9257.4	10096.2	10867.6	8796.6	8734.5	8807.0	8718.9	9811.4	13606.5	12835.1
75°	6803.3	6974.1	7450.5	8346.2	5990.4	5633.1	6047.3	6456.4	7491.9	10562.1	9221.2
77.5°	5115.4	5332.8	5633.1	6244.1	4395.7	3836.5	3893.5	4281.8	5415.7	8460.1	5167.2
80°	3318.8	3292.9	3872.8	4297.3	3308.4	3412.0	3267.0	3551.8	3924.6	4525.2	2640.5
82.5°	1915.7	1941.6	2184.9	2464.5	2304.0	2635.4	1900.2	3173.8	2801.0	1843.2	983.7
85°	1076.9	1123.5	1346.2	1708.6	1444.5	968.2	792.2	1574.0	1760.4	755.9	476.3
87.5°	108.7	93.2	181.2	647.2	393.5	160.5	238.2	378.0	424.6	284.8	139.8
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°	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0
2.5°	7574.7	7574.7	7445.3	7227.8	7139.8	6984.5	6772.2	6839.5	6767.0	6503.0	6435.7
5°	7264.1	7015.5	6746.3	6414.9	6223.4	5829.9	5705.6	5483.0	5519.2	5296.6	5307.0
7.5°	6616.9	6420.1	5964.5	5529.6	5151.6	4809.9	4328.4	4147.2	3971.2	3883.1	3986.7
10°	6238.9	5871.3	5250.0	4680.5	4178.3	3872.8	3551.8	3303.3	3075.4	2904.6	2868.3
12.5°	5964.5	5638.3	4887.6	4193.8	3800.3	3551.8	3256.7	2914.9	2692.3	2397.2	2309.2
15°	5881.7	5483.0	4690.8	4002.2	3619.1	3210.1	2873.5	2537.0	2247.0	1936.4	1827.7
17.5°	6166.4	5705.6	4685.7	3846.9	3308.4	2868.3	2402.4	2024.4	1729.3	1444.5	1377.2
20°	6647.9	5943.8	4835.8	3753.7	3013.3	2423.1	1895.0	1517.0	1185.7	999.3	952.7
22.5°	7196.8	6347.6	4851.3	3505.2	2718.2	1977.8	1382.4	999.3	812.9	724.9	699.0
25°	7869.8	6994.8	5037.7	3303.3	2371.3	1501.5	983.7	766.3	657.5	605.8	595.4
27.5°	8423.8	7445.3	5239.7	3091.0	2029.6	1113.2	771.5	626.5	569.5	517.8	512.6
30°	8998.5	7963.0	5296.6	2961.5	1734.5	916.4	662.7	554.0	491.9	466.0	460.8
32.5°	9500.8	8527.4	5477.8	2749.3	1454.9	807.7	600.6	497.0	455.6	414.2	409.0
35°	10147.9	8853.6	5565.8	2635.4	1351.3	730.0	548.8	455.6	393.5	367.6	357.2
37.5°	10841.7	9169.4	5622.8	2547.3	1263.3	683.4	517.8	429.7	372.8	336.5	326.2
40°	11488.9	9614.7	5539.9	2438.6	1196.0	626.5	497.0	398.7	346.9	310.7	295.1
42.5°	11986.0	10049.6	5514.1	2335.1	1123.5	605.8	471.2	383.1	326.2	284.8	279.6
45°	12265.5	10344.7	5332.8	2252.2	1066.6	616.1	460.8	362.4	310.7	274.4	253.7
47.5°	12198.2	10572.5	5379.4	2226.3	988.9	574.7	455.6	346.9	284.8	253.7	238.2
50°	12571.0	11033.3	5301.8	2143.5	932.0	517.8	497.0	346.9	279.6	243.3	227.8
52.5°	12633.2	11452.7	5467.5	1993.3	843.9	476.3	491.9	341.7	269.2	233.0	212.3
55°	13150.9	11939.4	5788.5	1910.5	771.5	414.2	450.4	331.4	243.3	212.3	201.9
57.5°	13855.0	12949.0	5995.6	1832.8	673.1	362.4	378.0	326.2	222.6	196.7	181.2
60°	14533.3	13352.8	6011.1	1693.0	579.9	326.2	295.1	326.2	207.1	176.0	160.5
62.5°	15040.7	13352.8	5907.6	1574.0	507.4	289.9	258.9	310.7	186.4	155.3	145.0
65°	14766.3	12995.6	5638.3	1475.6	460.8	253.7	222.6	238.2	165.7	134.6	124.3
67.5°	14274.4	11882.4	5042.9	1356.5	455.6	222.6	191.6	176.0	145.0	119.1	108.7
70°	13487.4	10380.9	4199.0	1221.9	445.3	201.9	170.9	150.1	129.4	103.6	93.2
72.5°	10867.6	8574.0	3448.2	1144.2	434.9	176.0	145.0	129.4	108.7	88.0	77.7
75°	7528.1	5477.8	2656.1	978.6	424.6	160.5	134.6	113.9	93.2	72.5	67.3
77.5°	4514.8	3660.5	1713.8	735.2	279.6	129.4	113.9	88.0	77.7	62.1	57.0
80°	2112.4	1729.3	693.8	284.8	134.6	93.2	77.7	67.3	62.1	51.8	46.6
82.5°	828.4	730.0	336.5	165.7	108.7	72.5	62.1	57.0	51.8	41.4	36.2
85°	445.3	393.5	160.5	113.9	77.7	51.8	51.8	46.6	41.4	36.2	31.1
87.5°	98.4	72.5	67.3	67.3	57.0	41.4	41.4	36.2	31.1	25.9	20.7
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0
2.5°	6399.4	6477.1	6352.8	6430.5	6321.8	6404.6	6414.9	6337.3	6358.0	6461.5	6508.1
5°	5451.9	5400.2	5286.2	5250.0	5255.2	5187.9	5213.8	5250.0	5307.0	5338.0	5431.2
7.5°	3929.7	4048.8	4043.6	4131.7	4136.8	4126.5	4054.0	3898.7	3950.4	3909.0	3960.8
10°	2811.4	2863.2	2961.5	3018.5	3122.0	3065.1	2899.4	2837.3	2806.2	2801.0	2852.8
12.5°	2247.0	2122.8	2112.4	2133.1	2184.9	2117.6	2034.8	1962.3	1998.5	2071.0	2128.0
15°	1739.6	1636.1	1501.5	1480.8	1491.1	1460.1	1372.0	1278.8	1304.7	1377.2	1418.6
17.5°	1335.8	1216.7	1123.5	1061.4	1040.7	932.0	802.5	724.9	704.1	699.0	735.2
20°	900.9	880.2	864.6	787.0	787.0	631.7	522.9	466.0	466.0	476.3	481.5
22.5°	673.1	647.2	652.4	636.8	595.4	471.2	414.2	398.7	398.7	409.0	409.0
25°	585.1	548.8	538.5	533.3	491.9	403.8	362.4	346.9	346.9	357.2	357.2
27.5°	497.0	486.7	471.2	450.4	414.2	346.9	321.0	305.5	310.7	315.8	310.7
30°	455.6	429.7	409.0	409.0	367.6	310.7	289.9	279.6	269.2	279.6	284.8
32.5°	403.8	388.3	378.0	362.4	315.8	274.4	253.7	243.3	238.2	238.2	243.3
35°	346.9	346.9	336.5	315.8	274.4	248.5	222.6	212.3	207.1	212.3	212.3
37.5°	310.7	295.1	300.3	279.6	243.3	217.5	191.6	181.2	181.2	176.0	181.2
40°	289.9	264.1	248.5	238.2	217.5	186.4	165.7	155.3	150.1	150.1	150.1
42.5°	258.9	238.2	207.1	201.9	196.7	160.5	134.6	129.4	124.3	119.1	119.1
45°	243.3	212.3	186.4	160.5	160.5	134.6	113.9	103.6	98.4	93.2	98.4
47.5°	222.6	191.6	160.5	134.6	129.4	108.7	88.0	77.7	72.5	72.5	72.5
50°	212.3	170.9	139.8	113.9	98.4	88.0	67.3	57.0	51.8	51.8	51.8
52.5°	196.7	160.5	124.3	98.4	77.7	67.3	51.8	41.4	36.2	36.2	36.2
55°	176.0	145.0	108.7	82.8	67.3	51.8	36.2	25.9	20.7	20.7	20.7
57.5°	165.7	129.4	93.2	72.5	51.8	36.2	20.7	15.5	15.5	10.4	15.5
60°	150.1	113.9	77.7	57.0	41.4	25.9	15.5	5.2	5.2	5.2	5.2
62.5°	129.4	98.4	67.3	46.6	31.1	15.5	5.2	0.0	0.0	0.0	0.0
65°	108.7	77.7	51.8	36.2	20.7	5.2	0.0	0.0	0.0	0.0	0.0
67.5°	93.2	67.3	41.4	25.9	15.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	82.8	57.0	31.1	20.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	67.3	46.6	25.9	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	57.0	36.2	15.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	46.6	25.9	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	36.2	20.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	31.1	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	20.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.5	5.2	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: P599467
 CATALOG NUMBER: IFLD-S-SA6A-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0	7290.0
2.5°	6575.5	6544.4	6699.7	6953.4	7082.9	7336.5	7398.7	7559.2	7517.8	7574.7
5°	5441.6	5503.7	5731.5	6104.3	6238.9	6606.5	6953.4	7300.3	7522.9	7631.7
7.5°	4038.5	4245.6	4525.2	4866.9	5213.8	5695.3	6285.5	6689.4	6906.8	7139.8
10°	3008.1	3230.8	3551.8	3888.3	4452.7	4991.1	5581.4	6083.6	6270.0	6487.4
12.5°	2366.1	2713.0	3085.8	3448.2	3784.8	4297.3	5027.4	5757.4	5959.3	6125.0
15°	1646.5	2071.0	2604.3	3075.4	3546.6	3991.9	4747.8	5633.1	5907.6	6187.1
17.5°	911.2	1247.8	1858.7	2521.5	3215.2	3898.7	4841.0	5861.0	6275.2	6471.9
20°	528.1	662.7	1097.6	1884.6	2801.0	3696.8	4887.6	6290.7	6839.5	6937.9
22.5°	434.9	481.5	621.3	1180.5	2293.6	3567.3	5125.7	6891.3	7450.5	7683.4
25°	372.8	409.0	481.5	709.3	1734.5	3292.9	5275.9	7642.0	8159.8	8413.5
27.5°	331.4	367.6	424.6	522.9	1180.5	2914.9	5524.4	8320.3	8838.0	9184.9
30°	289.9	321.0	378.0	445.3	818.0	2490.4	5736.7	8817.3	9547.4	9656.1
32.5°	258.9	284.8	326.2	383.1	605.8	1889.8	5907.6	9329.9	9946.0	10184.2
35°	222.6	253.7	279.6	326.2	460.8	1423.8	5804.0	9728.6	10531.1	10815.8
37.5°	196.7	217.5	243.3	274.4	388.3	1113.2	5591.7	10204.9	11033.3	11297.4
40°	165.7	181.2	212.3	243.3	352.1	859.5	5348.4	10779.6	11737.4	12203.4
42.5°	139.8	155.3	176.0	227.8	289.9	636.8	4856.5	11224.9	12307.0	12700.5
45°	108.7	129.4	160.5	227.8	233.0	471.2	4349.1	11556.2	12628.0	12824.7
47.5°	82.8	103.6	155.3	196.7	186.4	326.2	3748.5	11934.2	12959.3	13140.6
50°	62.1	82.8	176.0	170.9	155.3	248.5	3370.6	12198.2	12980.0	13078.4
52.5°	41.4	62.1	145.0	129.4	129.4	217.5	3267.0	12187.9	13031.8	12819.5
55°	31.1	46.6	82.8	93.2	113.9	191.6	3173.8	12576.2	13047.4	13197.5
57.5°	20.7	36.2	57.0	72.5	98.4	165.7	2982.3	13042.2	13528.9	13606.5
60°	10.4	25.9	41.4	57.0	82.8	145.0	2713.0	13383.9	14113.9	14196.8
62.5°	5.2	15.5	31.1	46.6	67.3	113.9	2433.4	12840.3	13860.2	14005.2
65°	0.0	10.4	20.7	31.1	41.4	82.8	1977.8	11592.5	12855.8	13389.1
67.5°	0.0	0.0	10.4	20.7	25.9	62.1	1491.1	10546.6	11929.0	12653.9
70°	0.0	0.0	5.2	5.2	15.5	46.6	952.7	8734.5	10650.2	11048.8
72.5°	0.0	0.0	0.0	0.0	5.2	31.1	554.0	6487.4	8346.2	9086.6
75°	0.0	0.0	0.0	0.0	0.0	25.9	279.6	4173.1	5809.2	6803.3
77.5°	0.0	0.0	0.0	0.0	0.0	20.7	150.1	2692.3	4281.8	5115.4
80°	0.0	0.0	0.0	0.0	0.0	5.2	88.0	1563.6	2738.9	3318.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	36.2	766.3	1636.1	1915.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.4	409.0	818.0	1076.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	57.0	108.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)