

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: P599482

Luminaire Tested: **IFLD-L-SA8A-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: P599482
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 3500K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

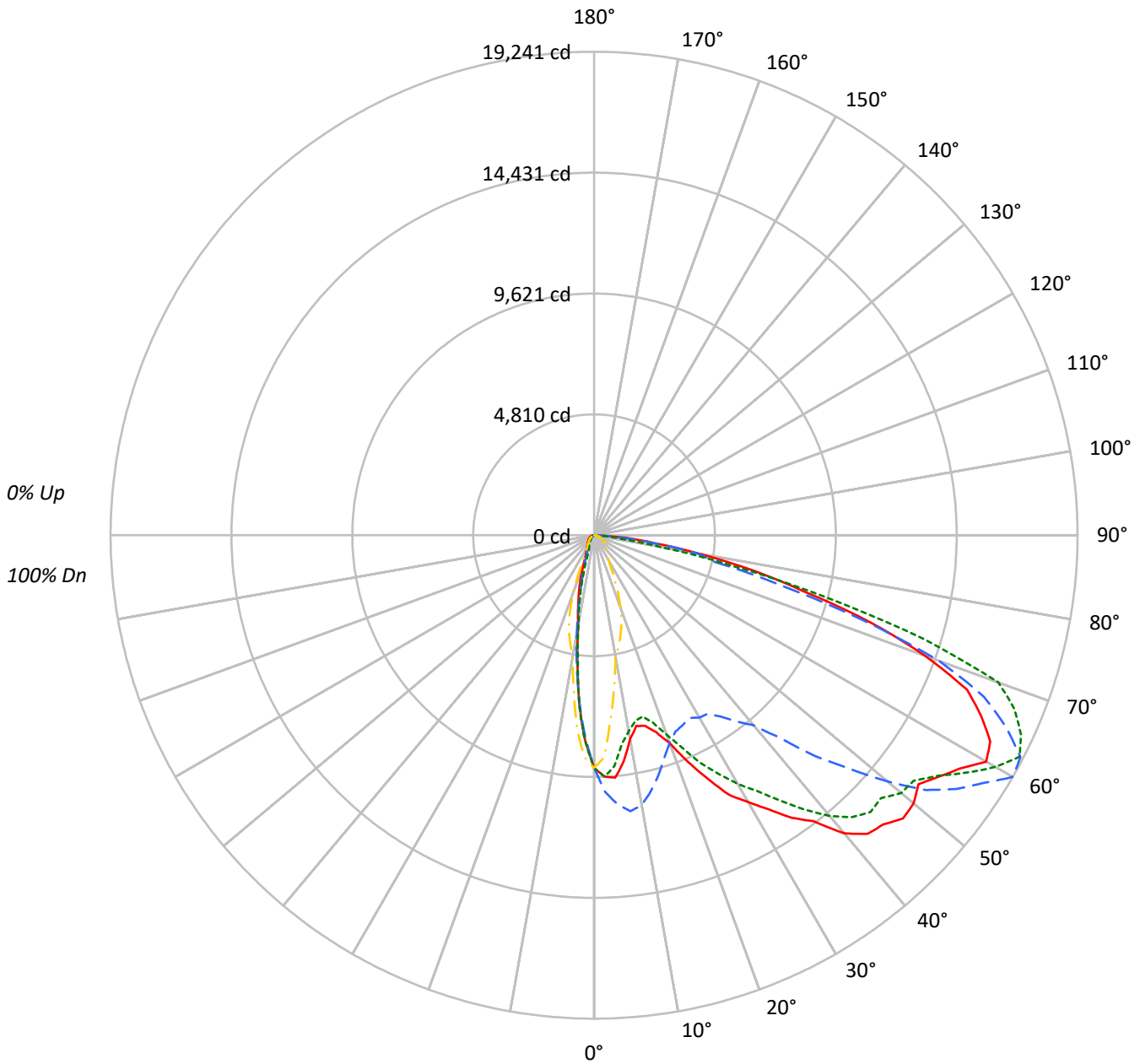
Lumens per Lamp: N/A
 Luminaire Lumens: 24608.4 lumens
 Efficiency: N/A
 Efficacy: 99.3 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 247.8
 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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	49797	49797	49797	49797
5°	52330	49810	36390	36603
10°	44999	43275	19896	19429
15°	43755	41594	12925	9740
20°	50433	48326	6925	3463
25°	63413	59316	4488	2692
30°	76164	70977	3635	2206
35°	90193	84624	2979	1770
40°	108820	102448	2632	1339
45°	123891	118489	2451	900
50°	138984	133592	2421	550
55°	157174	156618	2405	247
60°	193954	198551	2193	71
65°	216411	238672	2008	0
70°	220669	269375	1862	0
75°	179557	198687	1776	0
80°	130554	83097	1832	0
85°	84407	34896	2433	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	702.9	2.9
10°-20°	1378.4	5.6
20°-30°	1907.5	7.8
30°-40°	2695.7	11.0
40°-50°	3670.3	14.9
50°-60°	4861.1	19.8
60°-70°	5644.0	22.9
70°-80°	3196.3	13.0
80°-90°	552.3	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°	3988.7	16.2
0°-40°	6684.5	27.2
0°-60°	15215.8	61.8
0°-90°	24608.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	24608.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9253	9253	9253	9253	9253	
5°	9686	9220	6736	6775	9686	870
15°	7853	7465	2320	1748	7853	2303
25°	10679	9989	756	453	10679	4980
35°	13728	12880	453	269	13728	8654
45°	16277	15568	322	118	16277	12620
55°	16751	16691	256	26	16751	15176
65°	16994	18742	158	0	16994	16566
75°	8635	9555	85	0	8635	9424
85°	1367	565	39	0	1367	1642
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°	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6
2.5°	9614.0	9817.7	9824.3	9916.3	10008.3	10008.3	10225.1	10172.6	9982.0	9949.1	9811.1
5°	9686.3	9758.6	9811.1	10277.7	10672.0	10632.6	10750.9	10672.0	10304.0	9830.9	9508.9
7.5°	9062.0	9140.9	9351.1	10146.3	10678.6	10856.0	11079.4	10586.6	10198.9	9344.6	8726.9
10°	8234.0	8385.1	8772.9	9679.7	10336.9	10902.0	10902.0	10507.7	9758.6	8924.0	8168.3
12.5°	7774.0	8076.3	8286.6	9206.6	10060.9	10448.6	10435.4	10225.1	9738.9	8687.4	7833.1
15°	7852.9	7938.3	8385.1	9101.4	9666.6	9646.9	9883.4	9817.7	9476.0	8897.7	7958.0
17.5°	8214.3	8345.7	8733.4	9101.4	9370.9	9292.0	9285.4	9600.9	9620.6	9252.6	8424.6
20°	8805.7	9193.4	9377.4	9489.1	9160.6	8825.4	8786.0	9226.3	9568.0	9706.0	8983.1
22.5°	9752.0	10008.3	10382.9	9811.1	8956.9	8536.3	8457.4	8943.7	9633.7	10244.9	9706.0
25°	10678.6	10875.7	11237.1	10501.1	9186.9	8477.1	8339.1	8759.7	9883.4	10994.0	10580.0
27.5°	11657.7	11828.6	11868.0	11007.1	9311.7	8358.9	8194.6	8759.7	10093.7	11388.3	11624.9
30°	12255.7	12459.4	12498.9	11454.0	9515.4	8457.4	8378.6	8799.1	10238.3	11723.4	12374.0
32.5°	12926.0	12978.6	12945.7	11532.9	9738.9	8746.6	8418.0	9062.0	10402.6	12124.3	13057.4
35°	13727.7	13819.7	13484.6	11894.3	10238.3	8930.6	8812.3	9384.0	10685.1	12308.3	13885.4
37.5°	14338.9	14628.0	13872.3	12032.3	10336.9	9318.3	9338.0	10054.3	10882.3	12531.7	14798.9
40°	15488.9	15002.6	14529.4	12505.4	10711.4	9975.4	9870.3	10744.3	11546.0	12676.3	15396.9
42.5°	16119.7	15863.4	14785.7	12551.4	11289.7	10882.3	10908.6	11526.3	11894.3	13083.7	15561.1
45°	16277.4	16008.0	15134.0	12584.3	11861.4	11953.4	12406.9	12525.1	12406.9	13353.1	15870.0
47.5°	16678.3	16093.4	15094.6	13024.6	12788.0	13142.9	13721.1	13977.4	13103.4	13254.6	16014.6
50°	16599.4	16264.3	15009.1	13208.6	13918.3	14858.0	15245.7	15140.6	13878.9	13050.9	15856.9
52.5°	16270.9	15909.4	15272.0	13708.0	14976.3	16113.1	16652.0	16389.1	14568.9	13510.9	15751.7
55°	16750.6	16474.6	15613.7	14384.9	15771.4	17217.1	17598.3	17401.1	15416.6	13938.0	16349.7
57.5°	17269.7	17210.6	16540.3	15180.0	16711.1	18354.0	18354.0	18110.9	16152.6	14555.7	17236.9
60°	18018.9	18150.3	17223.7	15705.7	17033.1	18288.3	19241.1	18958.6	16895.1	15640.0	18242.3
62.5°	17775.7	18196.3	18104.3	16836.0	17401.1	18610.3	19129.4	19339.7	17815.1	16960.9	19582.9
65°	16993.7	17440.6	18097.7	17578.6	17125.1	17828.3	18091.1	18728.6	18275.1	18202.9	20134.9
67.5°	16060.6	16546.9	16954.3	18078.0	16566.6	17033.1	16803.1	17006.9	17775.7	19563.1	20450.3
70°	14023.4	14490.0	15134.0	16967.4	15088.0	14667.4	14608.3	14509.7	15705.7	19076.9	19017.7
72.5°	11532.9	11749.7	12814.3	13793.4	11164.9	11086.0	11178.0	11066.3	12452.9	17269.7	16290.6
75°	8634.9	8851.7	9456.3	10593.1	7603.1	7149.7	7675.4	8194.6	9508.9	13405.7	11703.7
77.5°	6492.6	6768.6	7149.7	7925.1	5579.1	4869.4	4941.7	5434.6	6873.7	10737.7	6558.3
80°	4212.3	4179.4	4915.4	5454.3	4199.1	4330.6	4146.6	4508.0	4981.1	5743.4	3351.4
82.5°	2431.4	2464.3	2773.1	3128.0	2924.3	3344.9	2411.7	4028.3	3555.1	2339.4	1248.6
85°	1366.9	1426.0	1708.6	2168.6	1833.4	1228.9	1005.4	1997.7	2234.3	959.4	604.6
87.5°	138.0	118.3	230.0	821.4	499.4	203.7	302.3	479.7	538.9	361.4	177.4
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°	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6
2.5°	9614.0	9614.0	9449.7	9173.7	9062.0	8864.9	8595.4	8680.9	8588.9	8253.7	8168.3
5°	9219.7	8904.3	8562.6	8142.0	7898.9	7399.4	7241.7	6959.1	7005.1	6722.6	6735.7
7.5°	8398.3	8148.6	7570.3	7018.3	6538.6	6104.9	5493.7	5263.7	5040.3	4928.6	5060.0
10°	7918.6	7452.0	6663.4	5940.6	5303.1	4915.4	4508.0	4192.6	3903.4	3686.6	3640.6
12.5°	7570.3	7156.3	6203.4	5322.9	4823.4	4508.0	4133.4	3699.7	3417.1	3042.6	2930.9
15°	7465.1	6959.1	5953.7	5079.7	4593.4	4074.3	3647.1	3220.0	2852.0	2457.7	2319.7
17.5°	7826.6	7241.7	5947.1	4882.6	4199.1	3640.6	3049.1	2569.4	2194.9	1833.4	1748.0
20°	8437.7	7544.0	6137.7	4764.3	3824.6	3075.4	2405.1	1925.4	1504.9	1268.3	1209.1
22.5°	9134.3	8056.6	6157.4	4448.9	3450.0	2510.3	1754.6	1268.3	1031.7	920.0	887.1
25°	9988.6	8878.0	6394.0	4192.6	3009.7	1905.7	1248.6	972.6	834.6	768.9	755.7
27.5°	10691.7	9449.7	6650.3	3923.1	2576.0	1412.9	979.1	795.1	722.9	657.1	650.6
30°	11421.1	10106.9	6722.6	3758.9	2201.4	1163.1	841.1	703.1	624.3	591.4	584.9
32.5°	12058.6	10823.1	6952.6	3489.4	1846.6	1025.1	762.3	630.9	578.3	525.7	519.1
35°	12880.0	11237.1	7064.3	3344.9	1715.1	926.6	696.6	578.3	499.4	466.6	453.4
37.5°	13760.6	11638.0	7136.6	3233.1	1603.4	867.4	657.1	545.4	473.1	427.1	414.0
40°	14582.0	12203.1	7031.4	3095.1	1518.0	795.1	630.9	506.0	440.3	394.3	374.6
42.5°	15212.9	12755.1	6998.6	2963.7	1426.0	768.9	598.0	486.3	414.0	361.4	354.9
45°	15567.7	13129.7	6768.6	2858.6	1353.7	782.0	584.9	460.0	394.3	348.3	322.0
47.5°	15482.3	13418.9	6827.7	2825.7	1255.1	729.4	578.3	440.3	361.4	322.0	302.3
50°	15955.4	14003.7	6729.1	2720.6	1182.9	657.1	630.9	440.3	354.9	308.9	289.1
52.5°	16034.3	14536.0	6939.4	2530.0	1071.1	604.6	624.3	433.7	341.7	295.7	269.4
55°	16691.4	15153.7	7346.9	2424.9	979.1	525.7	571.7	420.6	308.9	269.4	256.3
57.5°	17585.1	16435.1	7609.7	2326.3	854.3	460.0	479.7	414.0	282.6	249.7	230.0
60°	18446.0	16947.7	7629.4	2148.9	736.0	414.0	374.6	414.0	262.9	223.4	203.7
62.5°	19090.0	16947.7	7498.0	1997.7	644.0	368.0	328.6	394.3	236.6	197.1	184.0
65°	18741.7	16494.3	7156.3	1872.9	584.9	322.0	282.6	302.3	210.3	170.9	157.7
67.5°	18117.4	15081.4	6400.6	1721.7	578.3	282.6	243.1	223.4	184.0	151.1	138.0
70°	17118.6	13175.7	5329.4	1550.9	565.1	256.3	216.9	190.6	164.3	131.4	118.3
72.5°	13793.4	10882.3	4376.6	1452.3	552.0	223.4	184.0	164.3	138.0	111.7	98.6
75°	9554.9	6952.6	3371.1	1242.0	538.9	203.7	170.9	144.6	118.3	92.0	85.4
77.5°	5730.3	4646.0	2175.1	933.1	354.9	164.3	144.6	111.7	98.6	78.9	72.3
80°	2681.1	2194.9	880.6	361.4	170.9	118.3	98.6	85.4	78.9	65.7	59.1
82.5°	1051.4	926.6	427.1	210.3	138.0	92.0	78.9	72.3	65.7	52.6	46.0
85°	565.1	499.4	203.7	144.6	98.6	65.7	65.7	59.1	52.6	46.0	39.4
87.5°	124.9	92.0	85.4	85.4	72.3	52.6	52.6	46.0	39.4	32.9	26.3
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°	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6
2.5°	8122.3	8220.9	8063.1	8161.7	8023.7	8128.9	8142.0	8043.4	8069.7	8201.1	8260.3
5°	6919.7	6854.0	6709.4	6663.4	6670.0	6584.6	6617.4	6663.4	6735.7	6775.1	6893.4
7.5°	4987.7	5138.9	5132.3	5244.0	5250.6	5237.4	5145.4	4948.3	5014.0	4961.4	5027.1
10°	3568.3	3634.0	3758.9	3831.1	3962.6	3890.3	3680.0	3601.1	3561.7	3555.1	3620.9
12.5°	2852.0	2694.3	2681.1	2707.4	2773.1	2687.7	2582.6	2490.6	2536.6	2628.6	2700.9
15°	2208.0	2076.6	1905.7	1879.4	1892.6	1853.1	1741.4	1623.1	1656.0	1748.0	1800.6
17.5°	1695.4	1544.3	1426.0	1347.1	1320.9	1182.9	1018.6	920.0	893.7	887.1	933.1
20°	1143.4	1117.1	1097.4	998.9	998.9	801.7	663.7	591.4	591.4	604.6	611.1
22.5°	854.3	821.4	828.0	808.3	755.7	598.0	525.7	506.0	506.0	519.1	519.1
25°	742.6	696.6	683.4	676.9	624.3	512.6	460.0	440.3	440.3	453.4	453.4
27.5°	630.9	617.7	598.0	571.7	525.7	440.3	407.4	387.7	394.3	400.9	394.3
30°	578.3	545.4	519.1	519.1	466.6	394.3	368.0	354.9	341.7	354.9	361.4
32.5°	512.6	492.9	479.7	460.0	400.9	348.3	322.0	308.9	302.3	302.3	308.9
35°	440.3	440.3	427.1	400.9	348.3	315.4	282.6	269.4	262.9	269.4	269.4
37.5°	394.3	374.6	381.1	354.9	308.9	276.0	243.1	230.0	230.0	223.4	230.0
40°	368.0	335.1	315.4	302.3	276.0	236.6	210.3	197.1	190.6	190.6	190.6
42.5°	328.6	302.3	262.9	256.3	249.7	203.7	170.9	164.3	157.7	151.1	151.1
45°	308.9	269.4	236.6	203.7	203.7	170.9	144.6	131.4	124.9	118.3	124.9
47.5°	282.6	243.1	203.7	170.9	164.3	138.0	111.7	98.6	92.0	92.0	92.0
50°	269.4	216.9	177.4	144.6	124.9	111.7	85.4	72.3	65.7	65.7	65.7
52.5°	249.7	203.7	157.7	124.9	98.6	85.4	65.7	52.6	46.0	46.0	46.0
55°	223.4	184.0	138.0	105.1	85.4	65.7	46.0	32.9	26.3	26.3	26.3
57.5°	210.3	164.3	118.3	92.0	65.7	46.0	26.3	19.7	19.7	13.1	19.7
60°	190.6	144.6	98.6	72.3	52.6	32.9	19.7	6.6	6.6	6.6	6.6
62.5°	164.3	124.9	85.4	59.1	39.4	19.7	6.6	0.0	0.0	0.0	0.0
65°	138.0	98.6	65.7	46.0	26.3	6.6	0.0	0.0	0.0	0.0	0.0
67.5°	118.3	85.4	52.6	32.9	19.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	105.1	72.3	39.4	26.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	85.4	59.1	32.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	72.3	46.0	19.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	59.1	32.9	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	46.0	26.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.4	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.7	6.6	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: P599482
 CATALOG NUMBER: IFLD-L-SA8A-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6	9252.6
2.5°	8345.7	8306.3	8503.4	8825.4	8989.7	9311.7	9390.6	9594.3	9541.7	9614.0
5°	6906.6	6985.4	7274.6	7747.7	7918.6	8385.1	8825.4	9265.7	9548.3	9686.3
7.5°	5125.7	5388.6	5743.4	6177.1	6617.4	7228.6	7977.7	8490.3	8766.3	9062.0
10°	3818.0	4100.6	4508.0	4935.1	5651.4	6334.9	7084.0	7721.4	7958.0	8234.0
12.5°	3003.1	3443.4	3916.6	4376.6	4803.7	5454.3	6380.9	7307.4	7563.7	7774.0
15°	2089.7	2628.6	3305.4	3903.4	4501.4	5066.6	6026.0	7149.7	7498.0	7852.9
17.5°	1156.6	1583.7	2359.1	3200.3	4080.9	4948.3	6144.3	7438.9	7964.6	8214.3
20°	670.3	841.1	1393.1	2392.0	3555.1	4692.0	6203.4	7984.3	8680.9	8805.7
22.5°	552.0	611.1	788.6	1498.3	2911.1	4527.7	6505.7	8746.6	9456.3	9752.0
25°	473.1	519.1	611.1	900.3	2201.4	4179.4	6696.3	9699.4	10356.6	10678.6
27.5°	420.6	466.6	538.9	663.7	1498.3	3699.7	7011.7	10560.3	11217.4	11657.7
30°	368.0	407.4	479.7	565.1	1038.3	3160.9	7281.1	11191.1	12117.7	12255.7
32.5°	328.6	361.4	414.0	486.3	768.9	2398.6	7498.0	11841.7	12623.7	12926.0
35°	282.6	322.0	354.9	414.0	584.9	1807.1	7366.6	12347.7	13366.3	13727.7
37.5°	249.7	276.0	308.9	348.3	492.9	1412.9	7097.1	12952.3	14003.7	14338.9
40°	210.3	230.0	269.4	308.9	446.9	1090.9	6788.3	13681.7	14897.4	15488.9
42.5°	177.4	197.1	223.4	289.1	368.0	808.3	6164.0	14246.9	15620.3	16119.7
45°	138.0	164.3	203.7	289.1	295.7	598.0	5520.0	14667.4	16027.7	16277.4
47.5°	105.1	131.4	197.1	249.7	236.6	414.0	4757.7	15147.1	16448.3	16678.3
50°	78.9	105.1	223.4	216.9	197.1	315.4	4278.0	15482.3	16474.6	16599.4
52.5°	52.6	78.9	184.0	164.3	164.3	276.0	4146.6	15469.1	16540.3	16270.9
55°	39.4	59.1	105.1	118.3	144.6	243.1	4028.3	15962.0	16560.0	16750.6
57.5°	26.3	46.0	72.3	92.0	124.9	210.3	3785.1	16553.4	17171.1	17269.7
60°	13.1	32.9	52.6	72.3	105.1	184.0	3443.4	16987.1	17913.7	18018.9
62.5°	6.6	19.7	39.4	59.1	85.4	144.6	3088.6	16297.1	17591.7	17775.7
65°	0.0	13.1	26.3	39.4	52.6	105.1	2510.3	14713.4	16316.9	16993.7
67.5°	0.0	0.0	13.1	26.3	32.9	78.9	1892.6	13386.0	15140.6	16060.6
70°	0.0	0.0	6.6	6.6	19.7	59.1	1209.1	11086.0	13517.4	14023.4
72.5°	0.0	0.0	0.0	0.0	6.6	39.4	703.1	8234.0	10593.1	11532.9
75°	0.0	0.0	0.0	0.0	0.0	32.9	354.9	5296.6	7373.1	8634.9
77.5°	0.0	0.0	0.0	0.0	0.0	26.3	190.6	3417.1	5434.6	6492.6
80°	0.0	0.0	0.0	0.0	0.0	6.6	111.7	1984.6	3476.3	4212.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	46.0	972.6	2076.6	2431.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.1	519.1	1038.3	1366.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	72.3	138.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)