

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: P599594

Luminaire Tested: **IFLD-L-SA7B-827-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: P599594
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

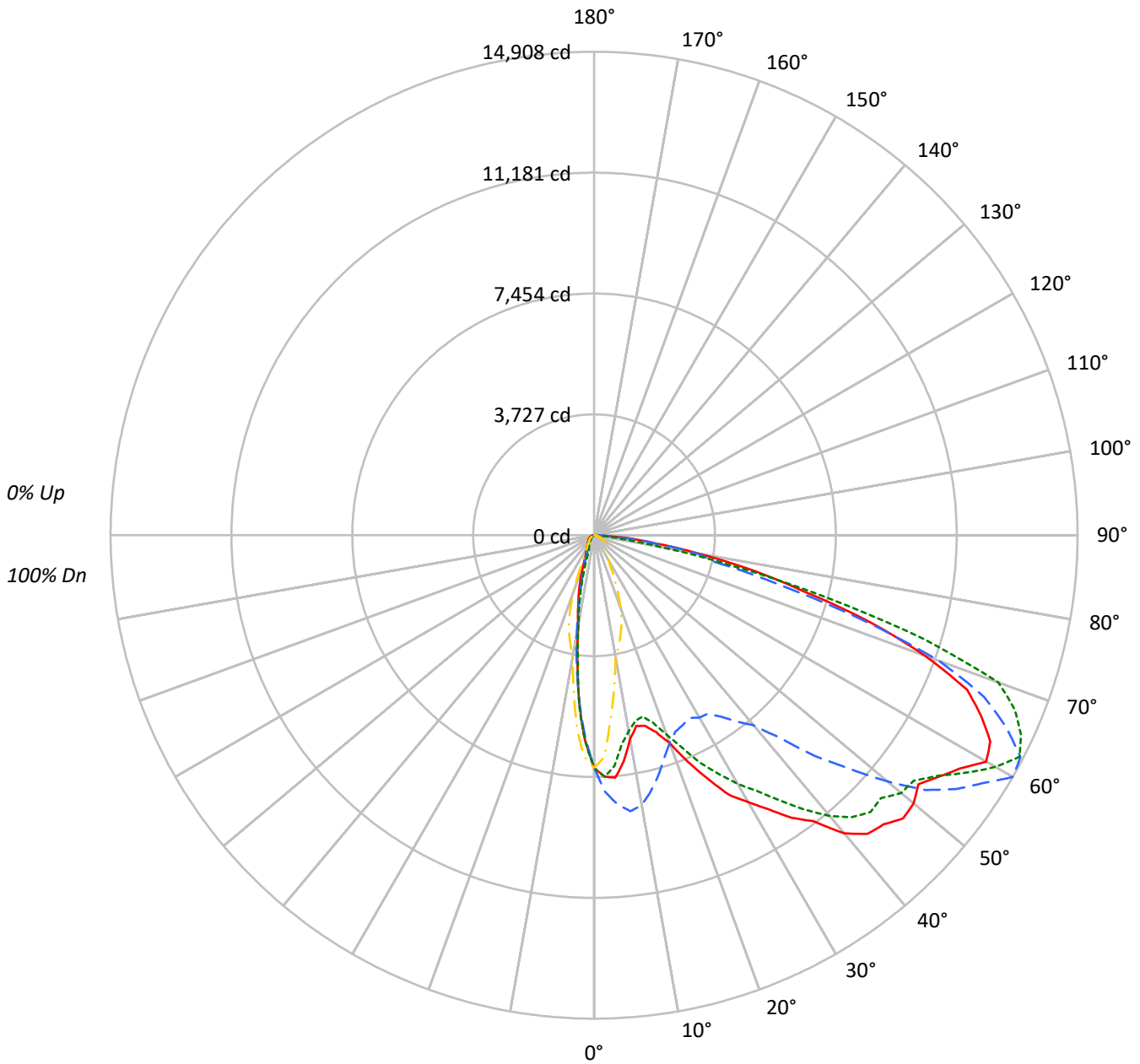
Lumens per Lamp: N/A
 Luminaire Lumens: 19066.8 lumens
 Efficiency: N/A
 Efficacy: 67.9 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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°	38583	38583	38583	38583
5°	40546	38593	28195	28360
10°	34865	33530	15415	15054
15°	33902	32228	10014	7546
20°	39077	37443	5366	2683
25°	49133	45958	3477	2086
30°	59012	54994	2816	1708
35°	69883	65567	2308	1372
40°	84314	79378	2039	1038
45°	95992	91807	1899	697
50°	107686	103508	1876	426
55°	121779	121350	1863	191
60°	150277	153839	1699	55
65°	167678	184926	1556	0
70°	170977	208713	1441	0
75°	139122	153944	1377	0
80°	101153	64386	1420	0
85°	65401	27041	1883	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	544.6	2.9
10°-20°	1068.0	5.6
20°-30°	1477.9	7.8
30°-40°	2088.7	11.0
40°-50°	2843.8	14.9
50°-60°	3766.4	19.8
60°-70°	4373.1	22.9
70°-80°	2476.5	13.0
80°-90°	427.9	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°	3090.5	16.2
0°-40°	5179.2	27.2
0°-60°	11789.3	61.8
0°-90°	19066.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19066.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7169	7169	7169	7169	7169	
5°	7505	7144	5219	5249	7505	674
15°	6084	5784	1797	1354	6084	1785
25°	8274	7739	586	351	8274	3859
35°	10636	9980	351	209	10636	6705
45°	12612	12062	250	92	12612	9778
55°	12978	12933	199	20	12978	11759
65°	13167	14521	122	0	13167	12835
75°	6690	7403	66	0	6690	7302
85°	1059	438	30	0	1059	1272
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°	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0
2.5°	7449.0	7606.9	7612.0	7683.2	7754.5	7754.5	7922.5	7881.8	7734.1	7708.7	7601.8
5°	7505.0	7561.0	7601.8	7963.3	8268.8	8238.2	8329.9	8268.8	7983.6	7617.0	7367.6
7.5°	7021.3	7082.4	7245.4	7861.4	8273.9	8411.3	8584.4	8202.6	7902.2	7240.3	6761.7
10°	6379.8	6496.9	6797.3	7499.9	8009.1	8447.0	8447.0	8141.5	7561.0	6914.4	6328.9
12.5°	6023.4	6257.6	6420.5	7133.3	7795.2	8095.7	8085.5	7922.5	7545.8	6731.1	6069.2
15°	6084.5	6150.7	6496.9	7051.9	7489.8	7474.5	7657.8	7606.9	7342.1	6894.0	6165.9
17.5°	6364.5	6466.3	6766.7	7051.9	7260.6	7199.5	7194.4	7438.8	7454.1	7169.0	6527.4
20°	6822.8	7123.2	7265.7	7352.3	7097.7	6838.0	6807.5	7148.6	7413.4	7520.3	6960.2
22.5°	7555.9	7754.5	8044.7	7601.8	6939.9	6614.0	6552.9	6929.7	7464.3	7937.8	7520.3
25°	8273.9	8426.6	8706.6	8136.4	7118.1	6568.2	6461.2	6787.1	7657.8	8518.3	8197.5
27.5°	9032.5	9164.9	9195.4	8528.4	7214.8	6476.5	6349.2	6787.1	7820.7	8823.8	9007.1
30°	9495.8	9653.7	9684.2	8874.7	7372.6	6552.9	6491.8	6817.7	7932.7	9083.4	9587.5
32.5°	10015.2	10055.9	10030.5	8935.8	7545.8	6776.9	6522.3	7021.3	8060.0	9394.0	10117.0
35°	10636.4	10707.6	10448.0	9215.8	7932.7	6919.5	6827.8	7270.8	8279.0	9536.6	10758.6
37.5°	11109.9	11333.9	10748.4	9322.7	8009.1	7219.9	7235.2	7790.2	8431.7	9709.7	11466.3
40°	12000.9	11624.1	11257.5	9689.3	8299.3	7729.1	7647.6	8324.8	8946.0	9821.7	11929.6
42.5°	12489.7	12291.1	11456.1	9725.0	8747.4	8431.7	8452.1	8930.7	9215.8	10137.4	12056.9
45°	12611.9	12403.2	11726.0	9750.4	9190.3	9261.6	9613.0	9704.6	9613.0	10346.1	12296.2
47.5°	12922.5	12469.3	11695.4	10091.6	9908.3	10183.2	10631.3	10829.8	10152.7	10269.8	12408.2
50°	12861.4	12601.7	11629.2	10234.1	10784.0	11512.1	11812.5	11731.1	10753.5	10111.9	12286.0
52.5°	12606.8	12326.8	11832.9	10621.1	11603.8	12484.6	12902.1	12698.5	11288.1	10468.3	12204.6
55°	12978.5	12764.7	12097.7	11145.5	12219.9	13340.0	13635.3	13482.6	11944.9	10799.3	12667.9
57.5°	13380.7	13334.9	12815.6	11761.6	12948.0	14220.9	14220.9	14032.5	12515.2	11277.9	13355.3
60°	13961.2	14063.0	13345.1	12168.9	13197.4	14169.9	14908.2	14689.3	13090.5	12118.0	14134.3
62.5°	13772.8	14098.7	14027.4	13044.7	13482.6	14419.4	14821.7	14984.6	13803.3	13141.4	15173.0
65°	13166.9	13513.1	14022.3	13620.0	13268.7	13813.5	14017.2	14511.1	14159.8	14103.7	15600.7
67.5°	12443.9	12820.7	13136.3	14007.0	12835.9	13197.4	13019.2	13177.1	13772.8	15157.7	15845.1
70°	10865.5	11227.0	11726.0	13146.5	11690.3	11364.5	11318.6	11242.3	12168.9	14780.9	14735.1
72.5°	8935.8	9103.8	9928.6	10687.3	8650.6	8589.5	8660.8	8574.3	9648.6	13380.7	12622.1
75°	6690.4	6858.4	7326.8	8207.7	5891.0	5539.7	5947.0	6349.2	7367.6	10386.9	9068.1
77.5°	5030.5	5244.4	5539.7	6140.5	4322.8	3772.9	3828.9	4210.8	5325.8	8319.7	5081.4
80°	3263.7	3238.3	3808.5	4226.0	3253.5	3355.4	3212.8	3492.8	3859.4	4450.1	2596.7
82.5°	1883.9	1909.4	2148.7	2423.6	2265.8	2591.6	1868.6	3121.2	2754.6	1812.6	967.4
85°	1059.1	1104.9	1323.8	1680.2	1420.6	952.1	779.0	1547.8	1731.1	743.4	468.4
87.5°	106.9	91.6	178.2	636.5	387.0	157.8	234.2	371.7	417.5	280.0	137.5
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°	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0
2.5°	7449.0	7449.0	7321.7	7107.9	7021.3	6868.6	6659.8	6726.0	6654.7	6395.1	6328.9
5°	7143.5	6899.1	6634.4	6308.5	6120.1	5733.1	5610.9	5392.0	5427.7	5208.7	5218.9
7.5°	6507.1	6313.6	5865.5	5437.8	5066.1	4730.1	4256.6	4078.4	3905.3	3818.7	3920.5
10°	6135.4	5773.9	5162.9	4602.8	4108.9	3808.5	3492.8	3248.4	3024.4	2856.4	2820.7
12.5°	5865.5	5544.8	4806.5	4124.2	3737.2	3492.8	3202.6	2866.6	2647.6	2357.4	2270.9
15°	5784.1	5392.0	4613.0	3935.8	3559.0	3156.8	2825.8	2494.9	2209.8	1904.3	1797.3
17.5°	6064.1	5610.9	4607.9	3783.1	3253.5	2820.7	2362.5	1990.8	1700.6	1420.6	1354.4
20°	6537.6	5845.2	4755.6	3691.4	2963.3	2382.9	1863.5	1491.8	1166.0	982.7	936.9
22.5°	7077.3	6242.3	4770.8	3447.0	2673.1	1945.0	1359.5	982.7	799.4	712.8	687.4
25°	7739.2	6878.8	4954.1	3248.4	2332.0	1476.6	967.4	753.6	646.6	595.7	585.5
27.5°	8284.0	7321.7	5152.7	3039.7	1995.9	1094.7	758.6	616.1	560.1	509.2	504.1
30°	8849.2	7830.9	5208.7	2912.4	1705.7	901.2	651.7	544.8	483.7	458.2	453.2
32.5°	9343.1	8385.9	5386.9	2703.6	1430.7	794.3	590.6	488.8	448.1	407.3	402.2
35°	9979.5	8706.6	5473.5	2591.6	1328.9	717.9	539.7	448.1	387.0	361.5	351.3
37.5°	10661.8	9017.2	5529.5	2505.1	1242.4	672.1	509.2	422.6	366.6	331.0	320.8
40°	11298.3	9455.1	5448.0	2398.1	1176.2	616.1	488.8	392.1	341.1	305.5	290.2
42.5°	11787.1	9882.8	5422.6	2296.3	1104.9	595.7	463.3	376.8	320.8	280.0	274.9
45°	12062.0	10173.0	5244.4	2214.8	1048.9	605.9	453.2	356.4	305.5	269.9	249.5
47.5°	11995.8	10397.1	5290.2	2189.4	972.5	565.2	448.1	341.1	280.0	249.5	234.2
50°	12362.4	10850.2	5213.8	2107.9	916.5	509.2	488.8	341.1	274.9	239.3	224.0
52.5°	12423.5	11262.6	5376.7	1960.3	829.9	468.4	483.7	336.0	264.8	229.1	208.8
55°	12932.7	11741.2	5692.4	1878.8	758.6	407.3	443.0	325.9	239.3	208.8	198.6
57.5°	13625.1	12734.1	5896.1	1802.4	661.9	356.4	371.7	320.8	218.9	193.5	178.2
60°	14292.1	13131.3	5911.4	1665.0	570.3	320.8	290.2	320.8	203.7	173.1	157.8
62.5°	14791.1	13131.3	5809.5	1547.8	499.0	285.1	254.6	305.5	183.3	152.7	142.6
65°	14521.3	12779.9	5544.8	1451.1	453.2	249.5	218.9	234.2	162.9	132.4	122.2
67.5°	14037.6	11685.2	4959.2	1334.0	448.1	218.9	188.4	173.1	142.6	117.1	106.9
70°	13263.6	10208.7	4129.3	1201.6	437.9	198.6	168.0	147.7	127.3	101.8	91.6
72.5°	10687.3	8431.7	3391.0	1125.2	427.7	173.1	142.6	127.3	106.9	86.6	76.4
75°	7403.2	5386.9	2612.0	962.3	417.5	157.8	132.4	112.0	91.6	71.3	66.2
77.5°	4439.9	3599.8	1685.3	723.0	274.9	127.3	112.0	86.6	76.4	61.1	56.0
80°	2077.4	1700.6	682.3	280.0	132.4	91.6	76.4	66.2	61.1	50.9	45.8
82.5°	814.7	717.9	331.0	162.9	106.9	71.3	61.1	56.0	50.9	40.7	35.6
85°	437.9	387.0	157.8	112.0	76.4	50.9	50.9	45.8	40.7	35.6	30.5
87.5°	96.7	71.3	66.2	66.2	56.0	40.7	40.7	35.6	30.5	25.5	20.4
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0
2.5°	6293.2	6369.6	6247.4	6323.8	6216.9	6298.3	6308.5	6232.1	6252.5	6354.3	6400.1
5°	5361.5	5310.5	5198.5	5162.9	5168.0	5101.8	5127.2	5162.9	5218.9	5249.4	5341.1
7.5°	3864.5	3981.6	3976.5	4063.1	4068.2	4058.0	3986.7	3834.0	3884.9	3844.2	3895.1
10°	2764.7	2815.7	2912.4	2968.4	3070.2	3014.2	2851.3	2790.2	2759.7	2754.6	2805.5
12.5°	2209.8	2087.6	2077.4	2097.7	2148.7	2082.5	2001.0	1929.7	1965.4	2036.6	2092.6
15°	1710.8	1608.9	1476.6	1456.2	1466.4	1435.8	1349.3	1257.6	1283.1	1354.4	1395.1
17.5°	1313.6	1196.5	1104.9	1043.8	1023.4	916.5	789.2	712.8	692.5	687.4	723.0
20°	885.9	865.6	850.3	773.9	773.9	621.2	514.3	458.2	458.2	468.4	473.5
22.5°	661.9	636.5	641.5	626.3	585.5	463.3	407.3	392.1	392.1	402.2	402.2
25°	575.4	539.7	529.5	524.4	483.7	397.1	356.4	341.1	341.1	351.3	351.3
27.5°	488.8	478.6	463.3	443.0	407.3	341.1	315.7	300.4	305.5	310.6	305.5
30°	448.1	422.6	402.2	402.2	361.5	305.5	285.1	274.9	264.8	274.9	280.0
32.5°	397.1	381.9	371.7	356.4	310.6	269.9	249.5	239.3	234.2	234.2	239.3
35°	341.1	341.1	331.0	310.6	269.9	244.4	218.9	208.8	203.7	208.8	208.8
37.5°	305.5	290.2	295.3	274.9	239.3	213.8	188.4	178.2	178.2	173.1	178.2
40°	285.1	259.7	244.4	234.2	213.8	183.3	162.9	152.7	147.7	147.7	147.7
42.5°	254.6	234.2	203.7	198.6	193.5	157.8	132.4	127.3	122.2	117.1	117.1
45°	239.3	208.8	183.3	157.8	157.8	132.4	112.0	101.8	96.7	91.6	96.7
47.5°	218.9	188.4	157.8	132.4	127.3	106.9	86.6	76.4	71.3	71.3	71.3
50°	208.8	168.0	137.5	112.0	96.7	86.6	66.2	56.0	50.9	50.9	50.9
52.5°	193.5	157.8	122.2	96.7	76.4	66.2	50.9	40.7	35.6	35.6	35.6
55°	173.1	142.6	106.9	81.5	66.2	50.9	35.6	25.5	20.4	20.4	20.4
57.5°	162.9	127.3	91.6	71.3	50.9	35.6	20.4	15.3	15.3	10.2	15.3
60°	147.7	112.0	76.4	56.0	40.7	25.5	15.3	5.1	5.1	5.1	5.1
62.5°	127.3	96.7	66.2	45.8	30.5	15.3	5.1	0.0	0.0	0.0	0.0
65°	106.9	76.4	50.9	35.6	20.4	5.1	0.0	0.0	0.0	0.0	0.0
67.5°	91.6	66.2	40.7	25.5	15.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	81.5	56.0	30.5	20.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	66.2	45.8	25.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	56.0	35.6	15.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	45.8	25.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	35.6	20.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.5	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	20.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	15.3	5.1	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: P599594
 CATALOG NUMBER: IFLD-L-SA7B-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0	7169.0
2.5°	6466.3	6435.8	6588.5	6838.0	6965.3	7214.8	7275.9	7433.7	7393.0	7449.0
5°	5351.3	5412.4	5636.4	6003.0	6135.4	6496.9	6838.0	7179.2	7398.1	7505.0
7.5°	3971.5	4175.1	4450.1	4786.1	5127.2	5600.8	6181.2	6578.4	6792.2	7021.3
10°	2958.2	3177.2	3492.8	3823.8	4378.8	4908.3	5488.8	5982.6	6165.9	6379.8
12.5°	2326.9	2668.0	3034.6	3391.0	3722.0	4226.0	4943.9	5661.9	5860.4	6023.4
15°	1619.1	2036.6	2561.1	3024.4	3487.7	3925.6	4669.0	5539.7	5809.5	6084.5
17.5°	896.1	1227.1	1827.9	2479.6	3161.9	3834.0	4760.7	5763.7	6171.0	6364.5
20°	519.3	651.7	1079.4	1853.3	2754.6	3635.4	4806.5	6186.3	6726.0	6822.8
22.5°	427.7	473.5	611.0	1160.9	2255.6	3508.1	5040.7	6776.9	7326.8	7555.9
25°	366.6	402.2	473.5	697.5	1705.7	3238.3	5188.3	7515.2	8024.4	8273.9
27.5°	325.9	361.5	417.5	514.3	1160.9	2866.6	5432.7	8182.2	8691.4	9032.5
30°	285.1	315.7	371.7	437.9	804.5	2449.1	5641.5	8671.0	9388.9	9495.8
32.5°	254.6	280.0	320.8	376.8	595.7	1858.4	5809.5	9175.1	9781.0	10015.2
35°	218.9	249.5	274.9	320.8	453.2	1400.2	5707.7	9567.1	10356.3	10636.4
37.5°	193.5	213.8	239.3	269.9	381.9	1094.7	5498.9	10035.6	10850.2	11109.9
40°	162.9	178.2	208.8	239.3	346.2	845.2	5259.6	10600.7	11542.7	12000.9
42.5°	137.5	152.7	173.1	224.0	285.1	626.3	4775.9	11038.6	12102.7	12489.7
45°	106.9	127.3	157.8	224.0	229.1	463.3	4276.9	11364.5	12418.4	12611.9
47.5°	81.5	101.8	152.7	193.5	183.3	320.8	3686.3	11736.2	12744.3	12922.5
50°	61.1	81.5	173.1	168.0	152.7	244.4	3314.6	11995.8	12764.7	12861.4
52.5°	40.7	61.1	142.6	127.3	127.3	213.8	3212.8	11985.6	12815.6	12606.8
55°	30.5	45.8	81.5	91.6	112.0	188.4	3121.2	12367.5	12830.8	12978.5
57.5°	20.4	35.6	56.0	71.3	96.7	162.9	2932.8	12825.8	13304.4	13380.7
60°	10.2	25.5	40.7	56.0	81.5	142.6	2668.0	13161.8	13879.7	13961.2
62.5°	5.1	15.3	30.5	45.8	66.2	112.0	2393.1	12627.2	13630.2	13772.8
65°	0.0	10.2	20.4	30.5	40.7	81.5	1945.0	11400.1	12642.5	13166.9
67.5°	0.0	0.0	10.2	20.4	25.5	61.1	1466.4	10371.6	11731.1	12443.9
70°	0.0	0.0	5.1	5.1	15.3	45.8	936.9	8589.5	10473.4	10865.5
72.5°	0.0	0.0	0.0	0.0	5.1	30.5	544.8	6379.8	8207.7	8935.8
75°	0.0	0.0	0.0	0.0	0.0	25.5	274.9	4103.8	5712.8	6690.4
77.5°	0.0	0.0	0.0	0.0	0.0	20.4	147.7	2647.6	4210.8	5030.5
80°	0.0	0.0	0.0	0.0	0.0	5.1	86.6	1537.7	2693.5	3263.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	35.6	753.6	1608.9	1883.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	10.2	402.2	804.5	1059.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	56.0	106.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)