

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: P599600

Luminaire Tested: **IFLD-L-SA8C-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: P599600
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8C-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 2700K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

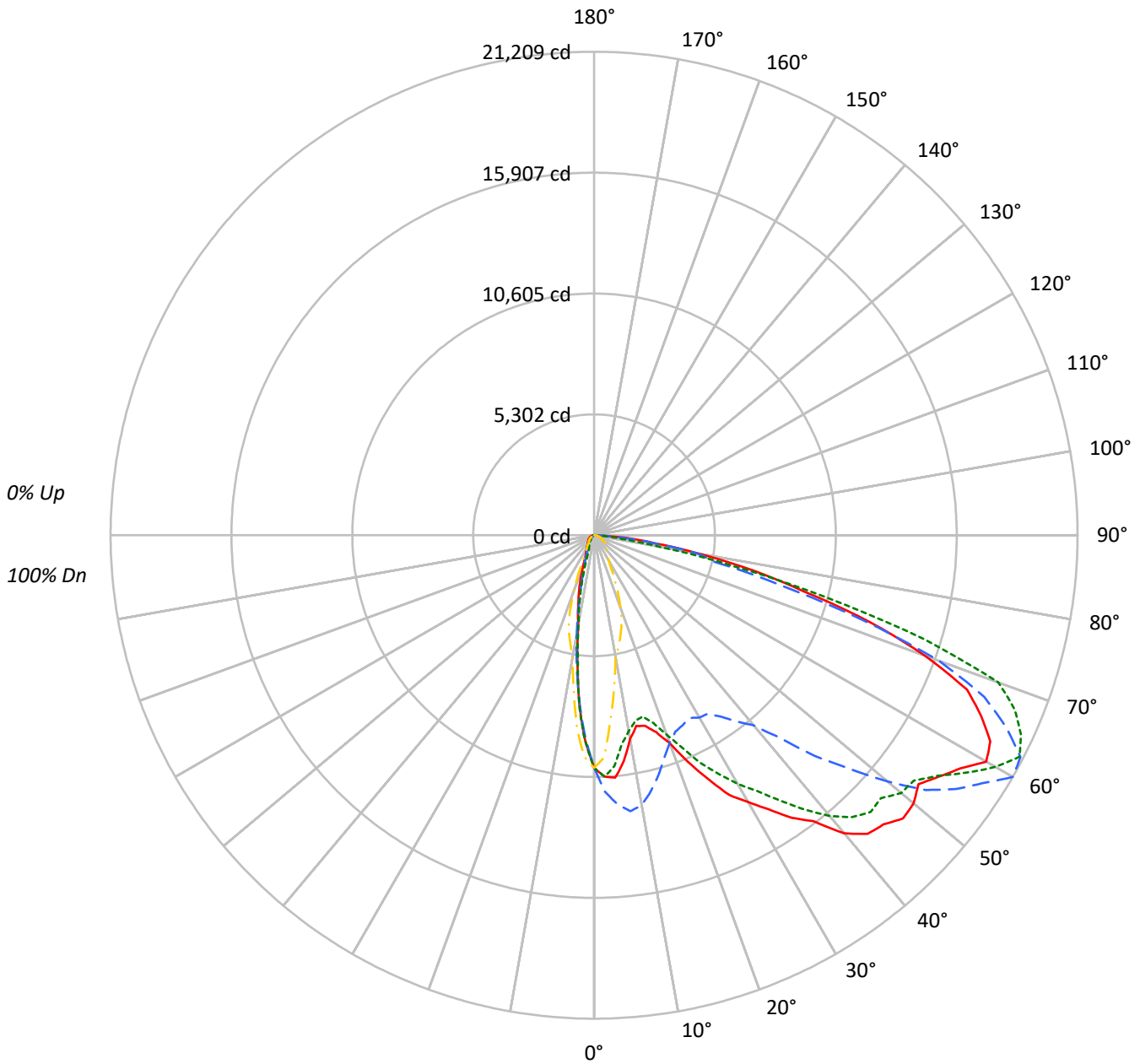
Lumens per Lamp: N/A
 Luminaire Lumens: 27125.6 lumens
 Efficiency: N/A
 Efficacy: 64.5 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 420.3
 Input Voltage (V): 120
 Input Current (A_{in}): 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°	54891	54891	54891	54891
5°	57683	54905	40112	40347
10°	49602	47702	21931	21416
15°	48230	45849	14247	10736
20°	55593	53269	7633	3817
25°	69900	65383	4947	2968
30°	83955	78237	4007	2431
35°	99420	93280	3284	1951
40°	119951	112927	2901	1476
45°	136565	130610	2701	993
50°	153201	147257	2668	606
55°	173251	172639	2651	272
60°	213794	218862	2418	78
65°	238548	263087	2213	0
70°	243242	296930	2052	0
75°	197922	219010	1959	0
80°	143909	91598	2021	0
85°	93040	38471	2686	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	774.8	2.9
10°-20°	1519.4	5.6
20°-30°	2102.6	7.8
30°-40°	2971.5	11.0
40°-50°	4045.7	14.9
50°-60°	5358.3	19.8
60°-70°	6221.4	22.9
70°-80°	3523.2	13.0
80°-90°	608.8	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°	4396.8	16.2
0°-40°	7368.2	27.2
0°-60°	16772.3	61.8
0°-90°	27125.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27125.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10199	10199	10199	10199	10199	
5°	10677	10163	7425	7468	10677	959
15°	8656	8229	2557	1927	8656	2539
25°	11771	11010	833	500	11771	5490
35°	15132	14198	500	297	15132	9539
45°	17942	17160	355	130	17942	13911
55°	18464	18399	282	29	18464	16729
65°	18732	20659	174	0	18732	18260
75°	9518	10532	94	0	9518	10388
85°	1507	623	44	0	1507	1810
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°	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0
2.5°	10597.4	10822.0	10829.2	10930.6	11032.1	11032.1	11271.1	11213.1	11003.1	10966.9	10814.7
5°	10677.1	10756.8	10814.7	11329.0	11763.7	11720.2	11850.6	11763.7	11358.0	10836.5	10481.5
7.5°	9989.0	10075.9	10307.7	11184.2	11770.9	11966.5	12212.8	11669.5	11242.1	10300.5	9619.5
10°	9076.3	9242.9	9670.3	10669.9	11394.2	12017.2	12017.2	11582.6	10756.8	9836.9	9003.8
12.5°	8569.2	8902.4	9134.2	10148.3	11090.0	11517.4	11502.9	11271.1	10735.1	9576.1	8634.4
15°	8656.1	8750.3	9242.9	10032.4	10655.4	10633.7	10894.4	10822.0	10445.3	9807.9	8772.0
17.5°	9054.5	9199.4	9626.8	10032.4	10329.4	10242.5	10235.3	10583.0	10604.7	10199.0	9286.3
20°	9706.5	10133.8	10336.7	10459.8	10097.6	9728.2	9684.7	10170.1	10546.7	10698.9	9902.1
22.5°	10749.6	11032.1	11444.9	10814.7	9873.1	9409.5	9322.6	9858.6	10619.2	11292.8	10698.9
25°	11770.9	11988.2	12386.6	11575.3	10126.6	9344.3	9192.2	9655.8	10894.4	12118.6	11662.3
27.5°	12850.2	13038.5	13082.0	12133.1	10264.2	9213.9	9032.8	9655.8	11126.2	12553.2	12814.0
30°	13509.4	13733.9	13777.4	12625.7	10488.8	9322.6	9235.6	9699.2	11285.6	12922.6	13639.8
32.5°	14248.2	14306.2	14270.0	12712.6	10735.1	9641.3	9279.1	9989.0	11466.7	13364.5	14393.1
35°	15132.0	15233.4	14863.9	13111.0	11285.6	9844.1	9713.7	10343.9	11778.2	13567.3	15305.8
37.5°	15805.6	16124.3	15291.3	13263.1	11394.2	10271.5	10293.2	11082.8	11995.5	13813.6	16312.7
40°	17073.3	16537.2	16015.7	13784.6	11807.1	10995.8	10879.9	11843.3	12727.1	13973.0	16971.8
42.5°	17768.6	17486.1	16298.2	13835.3	12444.6	11995.5	12024.4	12705.3	13111.0	14422.1	17152.9
45°	17942.5	17645.5	16682.1	13871.6	13074.8	13176.2	13676.0	13806.4	13676.0	14719.1	17493.4
47.5°	18384.4	17739.7	16638.6	14356.9	14096.1	14487.3	15124.7	15407.2	14443.8	14610.4	17652.7
50°	18297.4	17928.0	16544.5	14559.7	15342.0	16377.9	16805.2	16689.3	15298.6	14385.9	17478.9
52.5°	17935.2	17536.8	16834.2	15110.2	16508.2	17761.4	18355.4	18065.6	16059.1	14892.9	17363.0
55°	18464.0	18159.8	17210.9	15856.3	17384.7	18978.3	19398.5	19181.2	16993.6	15363.8	18022.2
57.5°	19036.3	18971.1	18232.2	16732.8	18420.6	20231.5	20231.5	19963.5	17804.9	16044.7	19000.1
60°	19862.1	20006.9	18985.6	17312.3	18775.5	20159.0	21209.4	20897.9	18623.4	17239.9	20108.3
62.5°	19594.0	20057.6	19956.2	18558.2	19181.2	20514.0	21086.2	21318.0	19637.5	18695.8	21586.0
65°	18732.0	19224.6	19949.0	19376.7	18876.9	19652.0	19941.7	20644.4	20144.6	20064.9	22194.5
67.5°	17703.4	18239.5	18688.6	19927.2	18261.2	18775.5	18522.0	18746.5	19594.0	21564.3	22542.2
70°	15457.9	15972.2	16682.1	18703.1	16631.4	16167.8	16102.6	15993.9	17312.3	21028.3	20963.1
72.5°	12712.6	12951.6	14125.1	15204.4	12306.9	12220.0	12321.4	12198.3	13726.7	19036.3	17957.0
75°	9518.1	9757.2	10423.6	11676.7	8380.9	7881.1	8460.6	9032.8	10481.5	14777.0	12900.9
77.5°	7156.7	7460.9	7881.1	8735.8	6149.8	5367.5	5447.2	5990.5	7576.8	11836.1	7229.1
80°	4643.2	4607.0	5418.2	6012.2	4628.7	4773.6	4570.7	4969.1	5490.7	6330.9	3694.3
82.5°	2680.1	2716.4	3056.8	3448.0	3223.4	3687.0	2658.4	4440.3	3918.8	2578.7	1376.3
85°	1506.7	1571.9	1883.3	2390.4	2021.0	1354.6	1108.3	2202.1	2462.8	1057.6	666.4
87.5°	152.1	130.4	253.5	905.5	550.5	224.6	333.2	528.8	594.0	398.4	195.6
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°	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0
2.5°	10597.4	10597.4	10416.3	10112.1	9989.0	9771.7	9474.7	9568.8	9467.4	9098.0	9003.8
5°	10162.8	9815.1	9438.5	8974.9	8706.9	8156.3	7982.5	7671.0	7721.7	7410.2	7424.7
7.5°	9257.4	8982.1	8344.7	7736.2	7207.4	6729.3	6055.7	5802.2	5555.9	5432.7	5577.6
10°	8728.6	8214.3	7345.0	6548.2	5845.6	5418.2	4969.1	4621.4	4302.7	4063.7	4013.0
12.5°	8344.7	7888.3	6838.0	5867.3	5316.8	4969.1	4556.2	4078.2	3766.7	3353.8	3230.7
15°	8228.8	7671.0	6562.7	5599.3	5063.3	4491.1	4020.2	3549.4	3143.7	2709.1	2557.0
17.5°	8627.2	7982.5	6555.5	5382.0	4628.7	4013.0	3361.0	2832.3	2419.4	2021.0	1926.8
20°	9300.8	8315.7	6765.6	5251.6	4215.8	3390.0	2651.2	2122.4	1658.8	1398.0	1332.8
22.5°	10068.7	8880.7	6787.3	4903.9	3802.9	2767.1	1934.1	1398.0	1137.3	1014.1	977.9
25°	11010.3	9786.2	7048.1	4621.4	3317.6	2100.7	1376.3	1072.1	919.9	847.5	833.0
27.5°	11785.4	10416.3	7330.6	4324.5	2839.5	1557.4	1079.3	876.5	796.8	724.4	717.1
30°	12589.4	11140.7	7410.2	4143.4	2426.6	1282.1	927.2	775.1	688.1	651.9	644.7
32.5°	13292.1	11930.3	7663.8	3846.4	2035.5	1130.0	840.3	695.4	637.4	579.5	572.2
35°	14197.5	12386.6	7786.9	3687.0	1890.6	1021.4	767.8	637.4	550.5	514.3	499.8
37.5°	15168.2	12828.5	7866.6	3563.9	1767.4	956.2	724.4	601.2	521.5	470.8	456.3
40°	16073.6	13451.4	7750.7	3411.8	1673.3	876.5	695.4	557.8	485.3	434.6	412.9
42.5°	16769.0	14059.9	7714.5	3266.9	1571.9	847.5	659.2	536.0	456.3	398.4	391.2
45°	17160.2	14472.8	7460.9	3151.0	1492.2	862.0	644.7	507.1	434.6	383.9	354.9
47.5°	17066.0	14791.5	7526.1	3114.8	1383.5	804.0	637.4	485.3	398.4	354.9	333.2
50°	17587.5	15436.2	7417.5	2998.9	1303.9	724.4	695.4	485.3	391.2	340.5	318.7
52.5°	17674.5	16022.9	7649.3	2788.8	1180.7	666.4	688.1	478.1	376.7	326.0	297.0
55°	18398.8	16703.8	8098.4	2672.9	1079.3	579.5	630.2	463.6	340.5	297.0	282.5
57.5°	19384.0	18116.3	8388.1	2564.2	941.7	507.1	528.8	456.3	311.5	275.3	253.5
60°	20332.9	18681.3	8409.9	2368.7	811.3	456.3	412.9	456.3	289.7	246.3	224.6
62.5°	21042.8	18681.3	8265.0	2202.1	709.9	405.6	362.2	434.6	260.8	217.3	202.8
65°	20658.9	18181.5	7888.3	2064.4	644.7	354.9	311.5	333.2	231.8	188.3	173.8
67.5°	19970.7	16624.1	7055.3	1897.8	637.4	311.5	268.0	246.3	202.8	166.6	152.1
70°	18869.7	14523.5	5874.6	1709.5	623.0	282.5	239.0	210.1	181.1	144.9	130.4
72.5°	15204.4	11995.5	4824.3	1600.8	608.5	246.3	202.8	181.1	152.1	123.1	108.7
75°	10532.2	7663.8	3716.0	1369.0	594.0	224.6	188.3	159.4	130.4	101.4	94.2
77.5°	6316.5	5121.3	2397.6	1028.6	391.2	181.1	159.4	123.1	108.7	86.9	79.7
80°	2955.4	2419.4	970.6	398.4	188.3	130.4	108.7	94.2	86.9	72.4	65.2
82.5°	1159.0	1021.4	470.8	231.8	152.1	101.4	86.9	79.7	72.4	57.9	50.7
85°	623.0	550.5	224.6	159.4	108.7	72.4	72.4	65.2	57.9	50.7	43.5
87.5°	137.6	101.4	94.2	94.2	79.7	57.9	57.9	50.7	43.5	36.2	29.0
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°	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0
2.5°	8953.1	9061.8	8887.9	8996.6	8844.5	8960.4	8974.9	8866.2	8895.2	9040.1	9105.3
5°	7627.5	7555.1	7395.8	7345.0	7352.3	7258.1	7294.3	7345.0	7424.7	7468.2	7598.6
7.5°	5497.9	5664.5	5657.3	5780.4	5787.7	5773.2	5671.8	5454.5	5526.9	5468.9	5541.4
10°	3933.3	4005.7	4143.4	4223.0	4367.9	4288.2	4056.4	3969.5	3926.1	3918.8	3991.2
12.5°	3143.7	2969.9	2955.4	2984.4	3056.8	2962.6	2846.7	2745.3	2796.0	2897.5	2977.1
15°	2433.9	2289.0	2100.7	2071.7	2086.2	2042.7	1919.6	1789.2	1825.4	1926.8	1984.8
17.5°	1868.9	1702.3	1571.9	1484.9	1456.0	1303.9	1122.8	1014.1	985.1	977.9	1028.6
20°	1260.4	1231.4	1209.7	1101.0	1101.0	883.7	731.6	651.9	651.9	666.4	673.7
22.5°	941.7	905.5	912.7	891.0	833.0	659.2	579.5	557.8	557.8	572.2	572.2
25°	818.5	767.8	753.3	746.1	688.1	565.0	507.1	485.3	485.3	499.8	499.8
27.5°	695.4	680.9	659.2	630.2	579.5	485.3	449.1	427.4	434.6	441.9	434.6
30°	637.4	601.2	572.2	572.2	514.3	434.6	405.6	391.2	376.7	391.2	398.4
32.5°	565.0	543.3	528.8	507.1	441.9	383.9	354.9	340.5	333.2	333.2	340.5
35°	485.3	485.3	470.8	441.9	383.9	347.7	311.5	297.0	289.7	297.0	297.0
37.5°	434.6	412.9	420.1	391.2	340.5	304.2	268.0	253.5	253.5	246.3	253.5
40°	405.6	369.4	347.7	333.2	304.2	260.8	231.8	217.3	210.1	210.1	210.1
42.5°	362.2	333.2	289.7	282.5	275.3	224.6	188.3	181.1	173.8	166.6	166.6
45°	340.5	297.0	260.8	224.6	224.6	188.3	159.4	144.9	137.6	130.4	137.6
47.5°	311.5	268.0	224.6	188.3	181.1	152.1	123.1	108.7	101.4	101.4	101.4
50°	297.0	239.0	195.6	159.4	137.6	123.1	94.2	79.7	72.4	72.4	72.4
52.5°	275.3	224.6	173.8	137.6	108.7	94.2	72.4	57.9	50.7	50.7	50.7
55°	246.3	202.8	152.1	115.9	94.2	72.4	50.7	36.2	29.0	29.0	29.0
57.5°	231.8	181.1	130.4	101.4	72.4	50.7	29.0	21.7	21.7	14.5	21.7
60°	210.1	159.4	108.7	79.7	57.9	36.2	21.7	7.2	7.2	7.2	7.2
62.5°	181.1	137.6	94.2	65.2	43.5	21.7	7.2	0.0	0.0	0.0	0.0
65°	152.1	108.7	72.4	50.7	29.0	7.2	0.0	0.0	0.0	0.0	0.0
67.5°	130.4	94.2	57.9	36.2	21.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	115.9	79.7	43.5	29.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	94.2	65.2	36.2	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	79.7	50.7	21.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	65.2	36.2	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.7	29.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	43.5	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.7	7.2	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: P599600
 CATALOG NUMBER: IFLD-L-SA8C-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0	10199.0
2.5°	9199.4	9156.0	9373.3	9728.2	9909.3	10264.2	10351.2	10575.7	10517.8	10597.4
5°	7613.1	7700.0	8018.7	8540.2	8728.6	9242.9	9728.2	10213.5	10525.0	10677.1
7.5°	5650.0	5939.8	6330.9	6809.0	7294.3	7968.0	8793.8	9358.8	9663.0	9989.0
10°	4208.6	4520.0	4969.1	5440.0	6229.5	6982.9	7808.6	8511.3	8772.0	9076.3
12.5°	3310.3	3795.7	4317.2	4824.3	5295.1	6012.2	7033.6	8054.9	8337.4	8569.2
15°	2303.5	2897.5	3643.5	4302.7	4961.9	5584.8	6642.4	7881.1	8265.0	8656.1
17.5°	1274.9	1745.7	2600.5	3527.7	4498.3	5454.5	6772.8	8199.8	8779.3	9054.5
20°	738.9	927.2	1535.7	2636.7	3918.8	5172.0	6838.0	8801.0	9568.8	9706.5
22.5°	608.5	673.7	869.2	1651.5	3208.9	4990.9	7171.2	9641.3	10423.6	10749.6
25°	521.5	572.2	673.7	992.4	2426.6	4607.0	7381.3	10691.6	11416.0	11770.9
27.5°	463.6	514.3	594.0	731.6	1651.5	4078.2	7729.0	11640.5	12364.9	12850.2
30°	405.6	449.1	528.8	623.0	1144.5	3484.2	8025.9	12335.9	13357.3	13509.4
32.5°	362.2	398.4	456.3	536.0	847.5	2643.9	8265.0	13053.0	13915.0	14248.2
35°	311.5	354.9	391.2	456.3	644.7	1992.0	8120.1	13610.8	14733.6	15132.0
37.5°	275.3	304.2	340.5	383.9	543.3	1557.4	7823.1	14277.2	15436.2	15805.6
40°	231.8	253.5	297.0	340.5	492.6	1202.4	7482.7	15081.3	16421.3	17073.3
42.5°	195.6	217.3	246.3	318.7	405.6	891.0	6794.5	15704.2	17218.1	17768.6
45°	152.1	181.1	224.6	318.7	326.0	659.2	6084.7	16167.8	17667.2	17942.5
47.5°	115.9	144.9	217.3	275.3	260.8	456.3	5244.4	16696.6	18130.8	18384.4
50°	86.9	115.9	246.3	239.0	217.3	347.7	4715.6	17066.0	18159.8	18297.4
52.5°	57.9	86.9	202.8	181.1	181.1	304.2	4570.7	17051.5	18232.2	17935.2
55°	43.5	65.2	115.9	130.4	159.4	268.0	4440.3	17594.8	18254.0	18464.0
57.5°	29.0	50.7	79.7	101.4	137.6	231.8	4172.3	18246.7	18927.6	19036.3
60°	14.5	36.2	57.9	79.7	115.9	202.8	3795.7	18724.8	19746.2	19862.1
62.5°	7.2	21.7	43.5	65.2	94.2	159.4	3404.5	17964.2	19391.2	19594.0
65°	0.0	14.5	29.0	43.5	57.9	115.9	2767.1	16218.5	17986.0	18732.0
67.5°	0.0	0.0	14.5	29.0	36.2	86.9	2086.2	14755.3	16689.3	17703.4
70°	0.0	0.0	7.2	7.2	21.7	65.2	1332.8	12220.0	14900.2	15457.9
72.5°	0.0	0.0	0.0	0.0	7.2	43.5	775.1	9076.3	11676.7	12712.6
75°	0.0	0.0	0.0	0.0	0.0	36.2	391.2	5838.4	8127.4	9518.1
77.5°	0.0	0.0	0.0	0.0	0.0	29.0	210.1	3766.7	5990.5	7156.7
80°	0.0	0.0	0.0	0.0	0.0	7.2	123.1	2187.6	3831.9	4643.2
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	50.7	1072.1	2289.0	2680.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	14.5	572.2	1144.5	1506.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.7	79.7	152.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)