

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: P599595

Luminaire Tested: **IFLD-L-SA7C-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: P599595
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7C-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

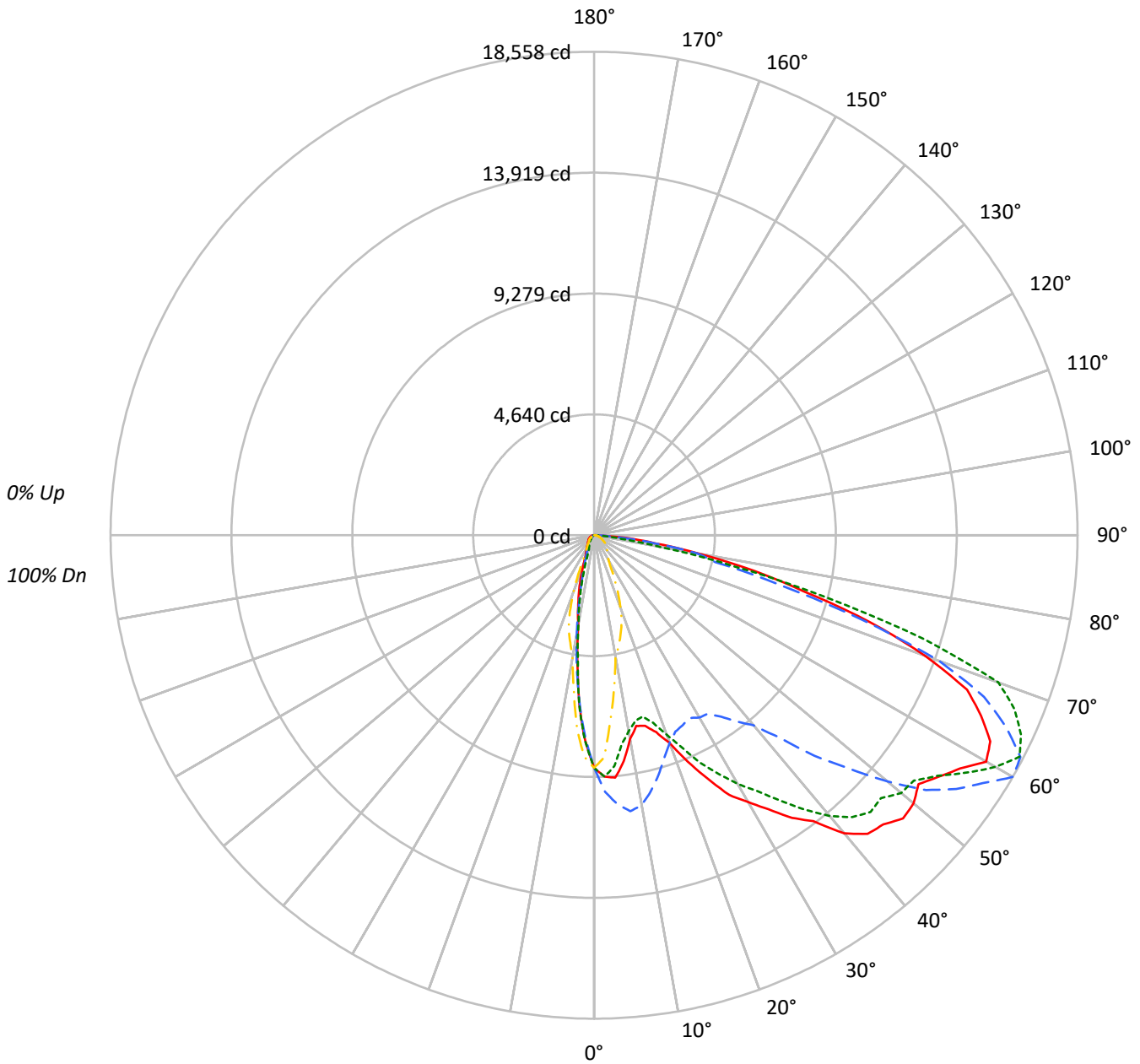
Lumens per Lamp: N/A
 Luminaire Lumens: 23734.8 lumens
 Efficiency: N/A
 Efficacy: 64.3 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 369
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	48029	48029	48029	48029
5°	50473	48041	35098	35303
10°	43401	41739	19189	18739
15°	42201	40118	12466	9394
20°	48643	46610	6679	3340
25°	61162	57210	4328	2597
30°	73460	68458	3506	2127
35°	86992	81620	2873	1708
40°	104957	98812	2538	1291
45°	119493	114283	2364	868
50°	134051	128850	2335	531
55°	151594	151058	2320	238
60°	187068	191503	2115	68
65°	208730	230199	1937	0
70°	212836	259812	1795	0
75°	173181	191634	1713	0
80°	125920	80149	1767	0
85°	81406	33660	2347	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	678.0	2.9
10°-20°	1329.5	5.6
20°-30°	1839.7	7.8
30°-40°	2600.0	11.0
40°-50°	3540.0	14.9
50°-60°	4688.5	19.8
60°-70°	5443.7	22.9
70°-80°	3082.8	13.0
80°-90°	532.7	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°	3847.2	16.2
0°-40°	6447.2	27.2
0°-60°	14675.7	61.8
0°-90°	23734.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23734.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8924	8924	8924	8924	8924	
5°	9342	8892	6497	6535	9342	839
15°	7574	7200	2237	1686	7574	2222
25°	10300	9634	729	437	10300	4804
35°	13240	12423	437	260	13240	8347
45°	15700	15015	311	114	15700	12172
55°	16156	16099	247	25	16156	14637
65°	16390	18076	152	0	16390	15978
75°	8328	9216	82	0	8328	9090
85°	1318	545	38	0	1318	1584
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°	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1
2.5°	9272.7	9469.2	9475.6	9564.3	9653.0	9653.0	9862.2	9811.5	9627.7	9596.0	9462.9
5°	9342.5	9412.2	9462.9	9912.9	10293.2	10255.2	10369.2	10293.2	9938.2	9481.9	9171.3
7.5°	8740.3	8816.4	9019.2	9786.1	10299.5	10470.6	10686.1	10210.8	9836.8	9012.9	8417.1
10°	7941.7	8087.5	8461.4	9336.1	9969.9	10515.0	10515.0	10134.7	9412.2	8607.2	7878.3
12.5°	7498.0	7789.6	7992.4	8879.8	9703.7	10077.7	10065.0	9862.2	9393.2	8379.1	7555.1
15°	7574.1	7656.5	8087.5	8778.4	9323.4	9304.4	9532.6	9469.2	9139.6	8581.9	7675.5
17.5°	7922.7	8049.5	8423.4	8778.4	9038.2	8962.2	8955.8	9260.1	9279.1	8924.1	8125.5
20°	8493.1	8867.1	9044.6	9152.3	8835.4	8512.2	8474.1	8898.8	9228.4	9361.5	8664.3
22.5°	9405.8	9653.0	10014.3	9462.9	8638.9	8233.3	8157.2	8626.2	9291.7	9881.2	9361.5
25°	10299.5	10489.7	10838.3	10128.4	8860.8	8176.2	8043.1	8448.8	9532.6	10603.7	10204.4
27.5°	11243.9	11408.7	11446.7	10616.4	8981.2	8062.1	7903.7	8448.8	9735.4	10984.0	11212.2
30°	11820.7	12017.2	12055.2	11047.4	9177.7	8157.2	8081.2	8486.8	9874.9	11307.3	11934.8
32.5°	12467.2	12517.9	12486.2	11123.5	9393.2	8436.1	8119.2	8740.3	10033.3	11693.9	12593.9
35°	13240.4	13329.2	13005.9	11472.1	9874.9	8613.6	8499.5	9050.9	10305.9	11871.4	13392.5
37.5°	13829.9	14108.8	13379.9	11605.2	9969.9	8987.5	9006.5	9697.4	10496.0	12086.9	14273.5
40°	14939.1	14470.0	14013.7	12061.5	10331.2	9621.3	9519.9	10362.9	11136.2	12226.3	14850.3
42.5°	15547.5	15300.3	14260.9	12105.9	10889.0	10496.0	10521.4	11117.1	11472.1	12619.3	15008.8
45°	15699.6	15439.8	14596.8	12137.6	11440.4	11529.1	11966.5	12080.5	11966.5	12879.2	15306.7
47.5°	16086.3	15522.2	14558.8	12562.2	12334.1	12676.3	13234.1	13481.3	12638.3	12784.1	15446.1
50°	16010.2	15687.0	14476.4	12739.7	13424.2	14330.6	14704.5	14603.1	13386.2	12587.6	15294.0
52.5°	15693.3	15344.7	14729.9	13221.4	14444.7	15541.2	16060.9	15807.4	14051.7	13031.3	15192.6
55°	16156.0	15889.8	15059.5	13874.2	15211.6	16606.0	16973.6	16783.5	14869.3	13443.2	15769.4
57.5°	16656.7	16599.7	15953.2	14641.2	16118.0	17702.5	17702.5	17468.0	15579.2	14039.0	16625.0
60°	17379.2	17506.0	16612.3	15148.2	16428.5	17639.1	18558.1	18285.6	16295.4	15084.8	17594.7
62.5°	17144.7	17550.4	17461.6	16238.4	16783.5	17949.7	18450.4	18653.2	17182.8	16358.8	18887.7
65°	16390.5	16821.5	17455.3	16954.6	16517.3	17195.4	17449.0	18063.8	17626.4	17556.7	19420.1
67.5°	15490.5	15959.5	16352.5	17436.3	15978.5	16428.5	16206.7	16403.2	17144.7	18868.7	19724.4
70°	13525.6	13975.7	14596.8	16365.1	14552.4	14146.8	14089.7	13994.7	15148.2	18399.7	18342.6
72.5°	11123.5	11332.6	12359.4	13303.8	10768.5	10692.5	10781.2	10673.5	12010.8	16656.7	15712.3
75°	8328.3	8537.5	9120.6	10217.1	7333.3	6895.9	7403.0	7903.7	9171.3	12929.9	11288.3
77.5°	6262.1	6528.3	6895.9	7643.8	5381.1	4696.6	4766.3	5241.7	6629.7	10356.6	6325.5
80°	4062.8	4031.1	4740.9	5260.7	4050.1	4176.9	3999.4	4348.0	4804.3	5539.6	3232.5
82.5°	2345.1	2376.8	2674.7	3017.0	2820.5	3226.1	2326.1	3885.3	3428.9	2256.4	1204.3
85°	1318.3	1375.4	1647.9	2091.6	1768.3	1185.2	969.7	1926.8	2155.0	925.4	583.1
87.5°	133.1	114.1	221.8	792.3	481.7	196.5	291.6	462.7	519.7	348.6	171.1
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°	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1
2.5°	9272.7	9272.7	9114.3	8848.1	8740.3	8550.2	8290.3	8372.7	8284.0	7960.7	7878.3
5°	8892.4	8588.2	8258.6	7853.0	7618.5	7136.8	6984.7	6712.1	6756.5	6483.9	6496.6
7.5°	8100.2	7859.3	7301.6	6769.2	6306.5	5888.2	5298.7	5076.9	4861.4	4753.6	4880.4
10°	7637.5	7187.5	6426.9	5729.7	5114.9	4740.9	4348.0	4043.7	3764.9	3555.7	3511.3
12.5°	7301.6	6902.3	5983.2	5133.9	4652.2	4348.0	3986.7	3568.4	3295.8	2934.6	2826.8
15°	7200.2	6712.1	5742.4	4899.4	4430.4	3929.7	3517.7	3105.7	2750.8	2370.5	2237.4
17.5°	7548.8	6984.7	5736.0	4709.3	4050.1	3511.3	2940.9	2478.2	2116.9	1768.3	1686.0
20°	8138.2	7276.2	5919.8	4595.2	3688.8	2966.3	2319.8	1857.1	1451.4	1223.3	1166.2
22.5°	8810.0	7770.6	5938.9	4290.9	3327.5	2421.2	1692.3	1223.3	995.1	887.3	855.7
25°	9634.0	8562.9	6167.0	4043.7	2902.9	1838.1	1204.3	938.0	804.9	741.6	728.9
27.5°	10312.2	9114.3	6414.2	3783.9	2484.6	1362.7	944.4	766.9	697.2	633.8	627.5
30°	11015.7	9748.1	6483.9	3625.4	2123.3	1121.9	811.3	678.2	602.1	570.4	564.1
32.5°	11630.5	10439.0	6705.8	3365.6	1781.0	988.8	735.2	608.5	557.8	507.1	500.7
35°	12422.8	10838.3	6813.5	3226.1	1654.3	893.7	671.8	557.8	481.7	450.0	437.3
37.5°	13272.1	11224.9	6883.2	3118.4	1546.5	836.6	633.8	526.1	456.3	412.0	399.3
40°	14064.4	11770.0	6781.8	2985.3	1464.1	766.9	608.5	488.0	424.7	380.3	361.3
42.5°	14672.9	12302.4	6750.1	2858.5	1375.4	741.6	576.8	469.0	399.3	348.6	342.3
45°	15015.1	12663.7	6528.3	2757.1	1305.7	754.2	564.1	443.7	380.3	335.9	310.6
47.5°	14932.7	12942.5	6585.4	2725.4	1210.6	703.5	557.8	424.7	348.6	310.6	291.6
50°	15389.1	13506.6	6490.3	2624.0	1140.9	633.8	608.5	424.7	342.3	297.9	278.9
52.5°	15465.1	14020.0	6693.1	2440.2	1033.1	583.1	602.1	418.3	329.6	285.2	259.9
55°	16098.9	14615.8	7086.1	2338.8	944.4	507.1	551.4	405.6	297.9	259.9	247.2
57.5°	16960.9	15851.7	7339.6	2243.7	824.0	443.7	462.7	399.3	272.5	240.9	221.8
60°	17791.2	16346.1	7358.6	2072.6	709.9	399.3	361.3	399.3	253.5	215.5	196.5
62.5°	18412.4	16346.1	7231.8	1926.8	621.1	354.9	316.9	380.3	228.2	190.1	177.5
65°	18076.4	15908.8	6902.3	1806.4	564.1	310.6	272.5	291.6	202.8	164.8	152.1
67.5°	17474.3	14546.1	6173.4	1660.6	557.8	272.5	234.5	215.5	177.5	145.8	133.1
70°	16510.9	12708.0	5140.3	1495.8	545.1	247.2	209.2	183.8	158.5	126.8	114.1
72.5°	13303.8	10496.0	4221.2	1400.7	532.4	215.5	177.5	158.5	133.1	107.7	95.1
75°	9215.7	6705.8	3251.5	1197.9	519.7	196.5	164.8	139.4	114.1	88.7	82.4
77.5°	5526.9	4481.1	2097.9	900.0	342.3	158.5	139.4	107.7	95.1	76.1	69.7
80°	2586.0	2116.9	849.3	348.6	164.8	114.1	95.1	82.4	76.1	63.4	57.0
82.5°	1014.1	893.7	412.0	202.8	133.1	88.7	76.1	69.7	63.4	50.7	44.4
85°	545.1	481.7	196.5	139.4	95.1	63.4	63.4	57.0	50.7	44.4	38.0
87.5°	120.4	88.7	82.4	82.4	69.7	50.7	50.7	44.4	38.0	31.7	25.4
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°	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1
2.5°	7834.0	7929.0	7776.9	7872.0	7738.9	7840.3	7853.0	7757.9	7783.3	7910.0	7967.1
5°	6674.1	6610.7	6471.3	6426.9	6433.2	6350.8	6382.5	6426.9	6496.6	6534.6	6648.7
7.5°	4810.7	4956.4	4950.1	5057.9	5064.2	5051.5	4962.8	4772.6	4836.0	4785.3	4848.7
10°	3441.6	3505.0	3625.4	3695.2	3821.9	3752.2	3549.4	3473.3	3435.3	3428.9	3492.3
12.5°	2750.8	2598.6	2586.0	2611.3	2674.7	2592.3	2490.9	2402.2	2446.5	2535.3	2605.0
15°	2129.6	2002.9	1838.1	1812.7	1825.4	1787.4	1679.6	1565.5	1597.2	1686.0	1736.7
17.5°	1635.2	1489.5	1375.4	1299.3	1274.0	1140.9	982.4	887.3	862.0	855.7	900.0
20°	1102.8	1077.5	1058.5	963.4	963.4	773.3	640.2	570.4	570.4	583.1	589.4
22.5°	824.0	792.3	798.6	779.6	728.9	576.8	507.1	488.0	488.0	500.7	500.7
25°	716.2	671.8	659.2	652.8	602.1	494.4	443.7	424.7	424.7	437.3	437.3
27.5°	608.5	595.8	576.8	551.4	507.1	424.7	393.0	374.0	380.3	386.6	380.3
30°	557.8	526.1	500.7	500.7	450.0	380.3	354.9	342.3	329.6	342.3	348.6
32.5°	494.4	475.4	462.7	443.7	386.6	335.9	310.6	297.9	291.6	291.6	297.9
35°	424.7	424.7	412.0	386.6	335.9	304.2	272.5	259.9	253.5	259.9	259.9
37.5°	380.3	361.3	367.6	342.3	297.9	266.2	234.5	221.8	221.8	215.5	221.8
40°	354.9	323.2	304.2	291.6	266.2	228.2	202.8	190.1	183.8	183.8	183.8
42.5°	316.9	291.6	253.5	247.2	240.9	196.5	164.8	158.5	152.1	145.8	145.8
45°	297.9	259.9	228.2	196.5	196.5	164.8	139.4	126.8	120.4	114.1	120.4
47.5°	272.5	234.5	196.5	164.8	158.5	133.1	107.7	95.1	88.7	88.7	88.7
50°	259.9	209.2	171.1	139.4	120.4	107.7	82.4	69.7	63.4	63.4	63.4
52.5°	240.9	196.5	152.1	120.4	95.1	82.4	63.4	50.7	44.4	44.4	44.4
55°	215.5	177.5	133.1	101.4	82.4	63.4	44.4	31.7	25.4	25.4	25.4
57.5°	202.8	158.5	114.1	88.7	63.4	44.4	25.4	19.0	19.0	12.7	19.0
60°	183.8	139.4	95.1	69.7	50.7	31.7	19.0	6.3	6.3	6.3	6.3
62.5°	158.5	120.4	82.4	57.0	38.0	19.0	6.3	0.0	0.0	0.0	0.0
65°	133.1	95.1	63.4	44.4	25.4	6.3	0.0	0.0	0.0	0.0	0.0
67.5°	114.1	82.4	50.7	31.7	19.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	101.4	69.7	38.0	25.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	82.4	57.0	31.7	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	69.7	44.4	19.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	57.0	31.7	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.4	25.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	38.0	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	25.4	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	19.0	6.3	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: P599595
 CATALOG NUMBER: IFLD-L-SA7C-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1	8924.1
2.5°	8049.5	8011.4	8201.6	8512.2	8670.6	8981.2	9057.2	9253.7	9203.0	9272.7
5°	6661.4	6737.5	7016.3	7472.7	7637.5	8087.5	8512.2	8936.8	9209.4	9342.5
7.5°	4943.8	5197.3	5539.6	5957.9	6382.5	6972.0	7694.5	8188.9	8455.1	8740.3
10°	3682.5	3955.0	4348.0	4760.0	5450.8	6110.0	6832.5	7447.3	7675.5	7941.7
12.5°	2896.5	3321.2	3777.5	4221.2	4633.2	5260.7	6154.4	7048.0	7295.2	7498.0
15°	2015.5	2535.3	3188.1	3764.9	4341.6	4886.7	5812.1	6895.9	7231.8	7574.1
17.5°	1115.5	1527.5	2275.4	3086.7	3936.0	4772.6	5926.2	7174.8	7681.9	7922.7
20°	646.5	811.3	1343.7	2307.1	3428.9	4525.4	5983.2	7700.9	8372.7	8493.1
22.5°	532.4	589.4	760.6	1445.1	2807.8	4367.0	6274.8	8436.1	9120.6	9405.8
25°	456.3	500.7	589.4	868.3	2123.3	4031.1	6458.6	9355.1	9988.9	10299.5
27.5°	405.6	450.0	519.7	640.2	1445.1	3568.4	6762.8	10185.4	10819.2	11243.9
30°	354.9	393.0	462.7	545.1	1001.4	3048.7	7022.7	10793.9	11687.6	11820.7
32.5°	316.9	348.6	399.3	469.0	741.6	2313.4	7231.8	11421.4	12175.6	12467.2
35°	272.5	310.6	342.3	399.3	564.1	1743.0	7105.1	11909.4	12891.8	13240.4
37.5°	240.9	266.2	297.9	335.9	475.4	1362.7	6845.2	12492.5	13506.6	13829.9
40°	202.8	221.8	259.9	297.9	431.0	1052.1	6547.3	13196.1	14368.6	14939.1
42.5°	171.1	190.1	215.5	278.9	354.9	779.6	5945.2	13741.1	15065.8	15547.5
45°	133.1	158.5	196.5	278.9	285.2	576.8	5324.1	14146.8	15458.8	15699.6
47.5°	101.4	126.8	190.1	240.9	228.2	399.3	4588.8	14609.5	15864.4	16086.3
50°	76.1	101.4	215.5	209.2	190.1	304.2	4126.1	14932.7	15889.8	16010.2
52.5°	50.7	76.1	177.5	158.5	158.5	266.2	3999.4	14920.0	15953.2	15693.3
55°	38.0	57.0	101.4	114.1	139.4	234.5	3885.3	15395.4	15972.2	16156.0
57.5°	25.4	44.4	69.7	88.7	120.4	202.8	3650.8	15965.8	16561.6	16656.7
60°	12.7	31.7	50.7	69.7	101.4	177.5	3321.2	16384.2	17277.8	17379.2
62.5°	6.3	19.0	38.0	57.0	82.4	139.4	2978.9	15718.6	16967.3	17144.7
65°	0.0	12.7	25.4	38.0	50.7	101.4	2421.2	14191.2	15737.7	16390.5
67.5°	0.0	0.0	12.7	25.4	31.7	76.1	1825.4	12910.8	14603.1	15490.5
70°	0.0	0.0	6.3	6.3	19.0	57.0	1166.2	10692.5	13037.6	13525.6
72.5°	0.0	0.0	0.0	0.0	6.3	38.0	678.2	7941.7	10217.1	11123.5
75°	0.0	0.0	0.0	0.0	0.0	31.7	342.3	5108.6	7111.4	8328.3
77.5°	0.0	0.0	0.0	0.0	0.0	25.4	183.8	3295.8	5241.7	6262.1
80°	0.0	0.0	0.0	0.0	0.0	6.3	107.7	1914.1	3352.9	4062.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	44.4	938.0	2002.9	2345.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.7	500.7	1001.4	1318.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	69.7	133.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)