

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: P599599

Luminaire Tested: **IFLD-L-SA8B-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: P599599
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8B-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

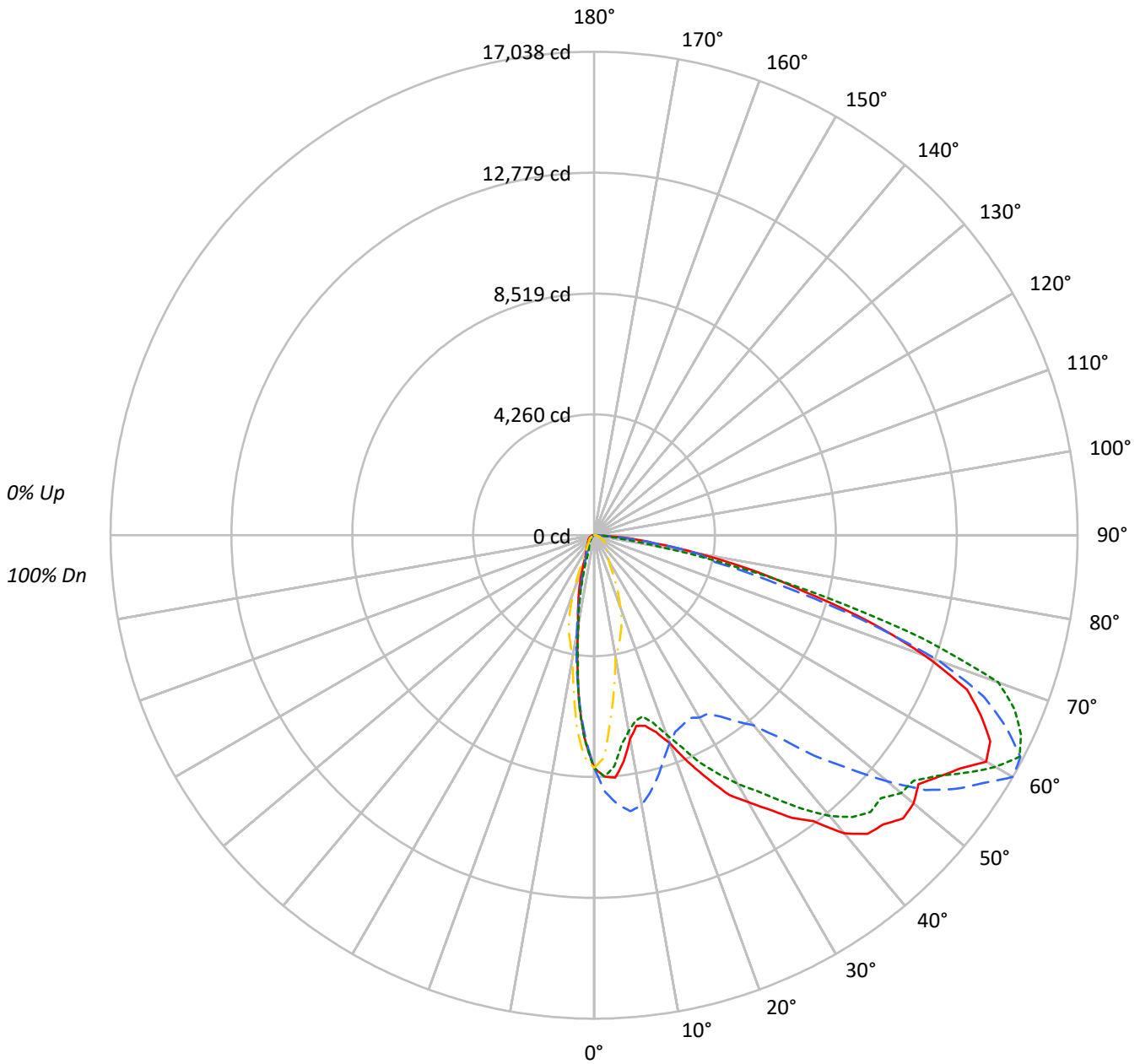
Lumens per Lamp: N/A
 Luminaire Lumens: 21790.2 lumens
 Efficiency: N/A
 Efficacy: 68.1 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 320
 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	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	44094	44094	44094	44094
5°	46337	44106	32222	32411
10°	39845	38319	17617	17204
15°	38744	36831	11445	8624
20°	44658	42791	6132	3066
25°	56151	52523	3974	2384
30°	67442	62849	3219	1953
35°	79864	74933	2638	1568
40°	96357	90715	2330	1185
45°	109703	104920	2170	797
50°	123067	118293	2143	487
55°	139174	138682	2129	219
60°	171741	175812	1942	62
65°	191628	211339	1779	0
70°	195398	238525	1648	0
75°	158993	175932	1572	0
80°	115602	73582	1624	0
85°	74737	30900	2155	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	622.4	2.9
10°-20°	1220.5	5.6
20°-30°	1689.0	7.8
30°-40°	2387.0	11.0
40°-50°	3249.9	14.9
50°-60°	4304.4	19.8
60°-70°	4997.7	22.9
70°-80°	2830.2	13.0
80°-90°	489.0	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°	3532.0	16.2
0°-40°	5919.0	27.2
0°-60°	13473.3	61.8
0°-90°	21790.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	21790.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8193	8193	8193	8193	8193	
5°	8577	8164	5964	5999	8577	770
15°	6954	6610	2054	1548	6954	2040
25°	9456	8845	669	402	9456	4410
35°	12156	11405	402	239	12156	7663
45°	14413	13785	285	105	14413	11174
55°	14832	14780	227	23	14832	13438
65°	15048	16595	140	0	15048	14669
75°	7646	8461	76	0	7646	8345
85°	1210	500	35	0	1210	1454
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°	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0
2.5°	8513.0	8693.4	8699.2	8780.7	8862.1	8862.1	9054.1	9007.6	8838.8	8809.8	8687.6
5°	8577.0	8641.0	8687.6	9100.7	9449.8	9414.9	9519.7	9449.8	9124.0	8705.0	8419.9
7.5°	8024.2	8094.0	8280.2	8984.3	9455.6	9612.8	9810.6	9374.2	9030.9	8274.4	7727.4
10°	7291.0	7424.9	7768.2	8571.2	9153.1	9653.5	9653.5	9304.4	8641.0	7902.0	7232.8
12.5°	6883.7	7151.4	7337.6	8152.2	8908.7	9252.0	9240.3	9054.1	8623.5	7692.5	6936.1
15°	6953.5	7029.2	7424.9	8059.1	8559.5	8542.1	8751.6	8693.4	8390.8	7878.7	7046.6
17.5°	7273.6	7389.9	7733.3	8059.1	8297.7	8227.9	8222.0	8501.4	8518.8	8193.0	7459.8
20°	7797.3	8140.6	8303.5	8402.4	8111.5	7814.7	7779.8	8169.7	8472.3	8594.5	7954.4
22.5°	8635.2	8862.1	9193.8	8687.6	7931.1	7558.7	7488.9	7919.5	8530.4	9071.6	8594.5
25°	9455.6	9630.2	9950.2	9298.5	8134.8	7506.3	7384.1	7756.5	8751.6	9734.9	9368.4
27.5°	10322.7	10473.9	10508.9	9746.6	8245.3	7401.6	7256.1	7756.5	8937.8	10084.1	10293.6
30°	10852.2	11032.6	11067.5	10142.3	8425.7	7488.9	7419.0	7791.5	9065.8	10380.8	10956.9
32.5°	11445.7	11492.2	11463.2	10212.1	8623.5	7744.9	7454.0	8024.2	9211.3	10735.8	11562.1
35°	12155.6	12237.1	11940.3	10532.1	9065.8	7907.8	7803.1	8309.3	9461.5	10898.7	12295.2
37.5°	12696.7	12952.8	12283.6	10654.3	9153.1	8251.1	8268.6	8902.9	9636.0	11096.6	13104.1
40°	13715.0	13284.5	12865.5	11073.3	9484.7	8833.0	8739.9	9513.8	10223.7	11224.6	13633.6
42.5°	14273.7	14046.7	13092.4	11114.0	9996.8	9636.0	9659.3	10206.3	10532.1	11585.3	13779.1
45°	14413.3	14174.7	13400.8	11143.1	10503.0	10584.5	10986.0	11090.7	10986.0	11823.9	14052.5
47.5°	14768.3	14250.4	13365.9	11533.0	11323.5	11637.7	12149.8	12376.7	11602.8	11736.6	14180.6
50°	14698.4	14401.7	13290.3	11695.9	12324.3	13156.4	13499.8	13406.6	12289.4	11556.3	14040.9
52.5°	14407.5	14087.5	13523.0	12138.1	13261.2	14267.8	14745.0	14512.2	12900.4	11963.6	13947.8
55°	14832.3	14587.9	13825.6	12737.5	13965.3	15245.4	15582.9	15408.3	13651.0	12341.8	14477.3
57.5°	15292.0	15239.6	14646.1	13441.6	14797.4	16252.1	16252.1	16036.8	14302.8	12888.8	15262.9
60°	15955.3	16071.7	15251.2	13907.1	15082.5	16193.9	17037.6	16787.4	14960.3	13848.9	16153.1
62.5°	15740.0	16112.4	16031.0	14907.9	15408.3	16479.0	16938.7	17124.9	15774.9	15018.5	17340.2
65°	15047.6	15443.2	16025.1	15565.4	15163.9	15786.6	16019.3	16583.7	16182.2	16118.2	17829.0
67.5°	14221.3	14651.9	15012.7	16007.7	14669.3	15082.5	14878.8	15059.2	15740.0	17322.7	18108.3
70°	12417.4	12830.6	13400.8	15024.3	13360.1	12987.7	12935.3	12848.0	13907.1	16892.1	16839.8
72.5°	10212.1	10404.1	11346.8	12213.8	9886.2	9816.4	9897.9	9799.0	11026.7	15292.0	14424.9
75°	7646.0	7838.0	8373.3	9380.0	6732.4	6330.9	6796.4	7256.1	8419.9	11870.5	10363.4
77.5°	5749.0	5993.4	6330.9	7017.5	4940.2	4311.8	4375.8	4812.2	6086.5	9508.0	5807.2
80°	3729.9	3700.8	4352.5	4829.7	3718.3	3834.6	3671.7	3991.7	4410.7	5085.7	2967.6
82.5°	2153.0	2182.1	2455.6	2769.8	2589.4	2961.8	2135.5	3567.0	3148.0	2071.5	1105.6
85°	1210.3	1262.7	1512.9	1920.2	1623.5	1088.1	890.3	1768.9	1978.4	849.6	535.3
87.5°	122.2	104.7	203.7	727.4	442.2	180.4	267.7	424.8	477.1	320.0	157.1
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°	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0
2.5°	8513.0	8513.0	8367.5	8123.1	8024.2	7849.6	7611.1	7686.7	7605.2	7308.5	7232.8
5°	8163.9	7884.6	7582.0	7209.6	6994.3	6552.0	6412.4	6162.2	6202.9	5952.7	5964.3
7.5°	7436.5	7215.4	6703.3	6214.5	5789.8	5405.7	4864.6	4660.9	4463.1	4364.1	4480.5
10°	7011.7	6598.6	5900.3	5260.2	4695.8	4352.5	3991.7	3712.4	3456.4	3264.4	3223.6
12.5°	6703.3	6336.7	5493.0	4713.3	4271.0	3991.7	3660.1	3276.0	3025.8	2694.1	2595.2
15°	6610.2	6162.2	5271.9	4498.0	4067.4	3607.7	3229.5	2851.2	2525.4	2176.3	2054.1
17.5°	6930.3	6412.4	5266.1	4323.4	3718.3	3223.6	2700.0	2275.2	1943.5	1623.5	1547.8
20°	7471.4	6680.0	5434.8	4218.7	3386.6	2723.2	2129.7	1704.9	1332.5	1123.0	1070.7
22.5°	8088.2	7133.9	5452.3	3939.4	3054.9	2222.8	1553.6	1123.0	913.6	814.6	785.5
25°	8844.7	7861.3	5661.7	3712.4	2665.0	1687.5	1105.6	861.2	739.0	680.8	669.2
27.5°	9467.3	8367.5	5888.7	3473.9	2281.0	1251.1	867.0	704.1	640.1	581.9	576.1
30°	10113.2	8949.4	5952.7	3328.4	1949.3	1029.9	744.8	622.6	552.8	523.7	517.9
32.5°	10677.6	9583.7	6156.4	3089.8	1635.1	907.7	675.0	558.6	512.1	465.5	459.7
35°	11405.0	9950.2	6255.3	2961.8	1518.7	820.5	616.8	512.1	442.2	413.1	401.5
37.5°	12184.7	10305.2	6319.3	2862.9	1419.8	768.1	581.9	483.0	419.0	378.2	366.6
40°	12912.0	10805.6	6226.2	2740.7	1344.2	704.1	558.6	448.1	389.9	349.1	331.7
42.5°	13470.7	11294.4	6197.1	2624.3	1262.7	680.8	529.5	430.6	366.6	320.0	314.2
45°	13784.9	11626.1	5993.4	2531.2	1198.7	692.4	517.9	407.3	349.1	308.4	285.1
47.5°	13709.2	11882.1	6045.8	2502.1	1111.4	645.9	512.1	389.9	320.0	285.1	267.7
50°	14128.2	12400.0	5958.5	2409.0	1047.4	581.9	558.6	389.9	314.2	273.5	256.0
52.5°	14198.0	12871.3	6144.7	2240.3	948.5	535.3	552.8	384.0	302.6	261.8	238.6
55°	14779.9	13418.3	6505.5	2147.2	867.0	465.5	506.2	372.4	273.5	238.6	226.9
57.5°	15571.3	14553.0	6738.2	2059.9	756.5	407.3	424.8	366.6	250.2	221.1	203.7
60°	16333.5	15006.8	6755.7	1902.8	651.7	366.6	331.7	366.6	232.8	197.8	180.4
62.5°	16903.8	15006.8	6639.3	1768.9	570.2	325.9	290.9	349.1	209.5	174.6	162.9
65°	16595.4	14605.3	6336.7	1658.4	517.9	285.1	250.2	267.7	186.2	151.3	139.7
67.5°	16042.6	13354.3	5667.6	1524.5	512.1	250.2	215.3	197.8	162.9	133.8	122.2
70°	15158.1	11666.8	4719.1	1373.3	500.4	226.9	192.0	168.7	145.5	116.4	104.7
72.5°	12213.8	9636.0	3875.4	1286.0	488.8	197.8	162.9	145.5	122.2	98.9	87.3
75°	8460.6	6156.4	2985.1	1099.8	477.1	180.4	151.3	128.0	104.7	81.5	75.6
77.5°	5074.0	4113.9	1926.0	826.3	314.2	145.5	128.0	98.9	87.3	69.8	64.0
80°	2374.1	1943.5	779.7	320.0	151.3	104.7	87.3	75.6	69.8	58.2	52.4
82.5°	931.0	820.5	378.2	186.2	122.2	81.5	69.8	64.0	58.2	46.6	40.7
85°	500.4	442.2	180.4	128.0	87.3	58.2	58.2	52.4	46.6	40.7	34.9
87.5°	110.6	81.5	75.6	75.6	64.0	46.6	46.6	40.7	34.9	29.1	23.3
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°	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0
2.5°	7192.1	7279.4	7139.7	7227.0	7104.8	7197.9	7209.6	7122.3	7145.6	7261.9	7314.3
5°	6127.3	6069.1	5941.1	5900.3	5906.1	5830.5	5859.6	5900.3	5964.3	5999.2	6104.0
7.5°	4416.5	4550.3	4544.5	4643.4	4649.3	4637.6	4556.2	4381.6	4439.8	4393.2	4451.4
10°	3159.6	3217.8	3328.4	3392.4	3508.8	3444.8	3258.6	3188.7	3153.8	3148.0	3206.2
12.5°	2525.4	2385.7	2374.1	2397.4	2455.6	2379.9	2286.8	2205.3	2246.1	2327.5	2391.6
15°	1955.1	1838.8	1687.5	1664.2	1675.8	1640.9	1542.0	1437.3	1466.4	1547.8	1594.4
17.5°	1501.3	1367.4	1262.7	1192.9	1169.6	1047.4	901.9	814.6	791.4	785.5	826.3
20°	1012.5	989.2	971.7	884.5	884.5	709.9	587.7	523.7	523.7	535.3	541.2
22.5°	756.5	727.4	733.2	715.7	669.2	529.5	465.5	448.1	448.1	459.7	459.7
25°	657.5	616.8	605.2	599.3	552.8	453.9	407.3	389.9	389.9	401.5	401.5
27.5°	558.6	547.0	529.5	506.2	465.5	389.9	360.8	343.3	349.1	355.0	349.1
30°	512.1	483.0	459.7	459.7	413.1	349.1	325.9	314.2	302.6	314.2	320.0
32.5°	453.9	436.4	424.8	407.3	355.0	308.4	285.1	273.5	267.7	267.7	273.5
35°	389.9	389.9	378.2	355.0	308.4	279.3	250.2	238.6	232.8	238.6	238.6
37.5°	349.1	331.7	337.5	314.2	273.5	244.4	215.3	203.7	203.7	197.8	203.7
40°	325.9	296.8	279.3	267.7	244.4	209.5	186.2	174.6	168.7	168.7	168.7
42.5°	290.9	267.7	232.8	226.9	221.1	180.4	151.3	145.5	139.7	133.8	133.8
45°	273.5	238.6	209.5	180.4	180.4	151.3	128.0	116.4	110.6	104.7	110.6
47.5°	250.2	215.3	180.4	151.3	145.5	122.2	98.9	87.3	81.5	81.5	81.5
50°	238.6	192.0	157.1	128.0	110.6	98.9	75.6	64.0	58.2	58.2	58.2
52.5°	221.1	180.4	139.7	110.6	87.3	75.6	58.2	46.6	40.7	40.7	40.7
55°	197.8	162.9	122.2	93.1	75.6	58.2	40.7	29.1	23.3	23.3	23.3
57.5°	186.2	145.5	104.7	81.5	58.2	40.7	23.3	17.5	17.5	11.6	17.5
60°	168.7	128.0	87.3	64.0	46.6	29.1	17.5	5.8	5.8	5.8	5.8
62.5°	145.5	110.6	75.6	52.4	34.9	17.5	5.8	0.0	0.0	0.0	0.0
65°	122.2	87.3	58.2	40.7	23.3	5.8	0.0	0.0	0.0	0.0	0.0
67.5°	104.7	75.6	46.6	29.1	17.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	93.1	64.0	34.9	23.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	75.6	52.4	29.1	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	64.0	40.7	17.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	52.4	29.1	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	40.7	23.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	34.9	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.5	5.8	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: P599599
 CATALOG NUMBER: IFLD-L-SA8B-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0	8193.0
2.5°	7389.9	7355.0	7529.6	7814.7	7960.2	8245.3	8315.1	8495.5	8449.0	8513.0
5°	6115.6	6185.4	6441.5	6860.4	7011.7	7424.9	7814.7	8204.6	8454.8	8577.0
7.5°	4538.7	4771.5	5085.7	5469.7	5859.6	6400.7	7064.1	7518.0	7762.4	8024.2
10°	3380.8	3631.0	3991.7	4370.0	5004.2	5609.4	6272.7	6837.2	7046.6	7291.0
12.5°	2659.2	3049.1	3468.0	3875.4	4253.6	4829.7	5650.1	6470.6	6697.5	6883.7
15°	1850.4	2327.5	2926.9	3456.4	3985.9	4486.3	5335.9	6330.9	6639.3	6953.5
17.5°	1024.1	1402.3	2089.0	2833.8	3613.5	4381.6	5440.6	6586.9	7052.5	7273.6
20°	593.5	744.8	1233.6	2118.1	3148.0	4154.7	5493.0	7069.9	7686.7	7797.3
22.5°	488.8	541.2	698.3	1326.7	2577.8	4009.2	5760.7	7744.9	8373.3	8635.2
25°	419.0	459.7	541.2	797.2	1949.3	3700.8	5929.4	8588.6	9170.5	9455.6
27.5°	372.4	413.1	477.1	587.7	1326.7	3276.0	6208.7	9350.9	9932.8	10322.7
30°	325.9	360.8	424.8	500.4	919.4	2798.9	6447.3	9909.5	10730.0	10852.2
32.5°	290.9	320.0	366.6	430.6	680.8	2123.9	6639.3	10485.6	11178.0	11445.7
35°	250.2	285.1	314.2	366.6	517.9	1600.2	6522.9	10933.6	11835.6	12155.6
37.5°	221.1	244.4	273.5	308.4	436.4	1251.1	6284.4	11469.0	12400.0	12696.7
40°	186.2	203.7	238.6	273.5	395.7	965.9	6010.9	12114.9	13191.4	13715.0
42.5°	157.1	174.6	197.8	256.0	325.9	715.7	5458.1	12615.3	13831.4	14273.7
45°	122.2	145.5	180.4	256.0	261.8	529.5	4887.8	12987.7	14192.2	14413.3
47.5°	93.1	116.4	174.6	221.1	209.5	366.6	4212.9	13412.5	14564.6	14768.3
50°	69.8	93.1	197.8	192.0	174.6	279.3	3788.1	13709.2	14587.9	14698.4
52.5°	46.6	69.8	162.9	145.5	145.5	244.4	3671.7	13697.6	14646.1	14407.5
55°	34.9	52.4	93.1	104.7	128.0	215.3	3567.0	14134.0	14663.5	14832.3
57.5°	23.3	40.7	64.0	81.5	110.6	186.2	3351.7	14657.7	15204.7	15292.0
60°	11.6	29.1	46.6	64.0	93.1	162.9	3049.1	15041.7	15862.2	15955.3
62.5°	5.8	17.5	34.9	52.4	75.6	128.0	2734.9	14430.8	15577.1	15740.0
65°	0.0	11.6	23.3	34.9	46.6	93.1	2222.8	13028.4	14448.2	15047.6
67.5°	0.0	0.0	11.6	23.3	29.1	69.8	1675.8	11853.0	13406.6	14221.3
70°	0.0	0.0	5.8	5.8	17.5	52.4	1070.7	9816.4	11969.4	12417.4
72.5°	0.0	0.0	0.0	0.0	5.8	34.9	622.6	7291.0	9380.0	10212.1
75°	0.0	0.0	0.0	0.0	0.0	29.1	314.2	4690.0	6528.8	7646.0
77.5°	0.0	0.0	0.0	0.0	0.0	23.3	168.7	3025.8	4812.2	5749.0
80°	0.0	0.0	0.0	0.0	0.0	5.8	98.9	1757.3	3078.2	3729.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	40.7	861.2	1838.8	2153.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.6	459.7	919.4	1210.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	64.0	122.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)