

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: P599598

Luminaire Tested: **IFLD-L-SA8A-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: P599598
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-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

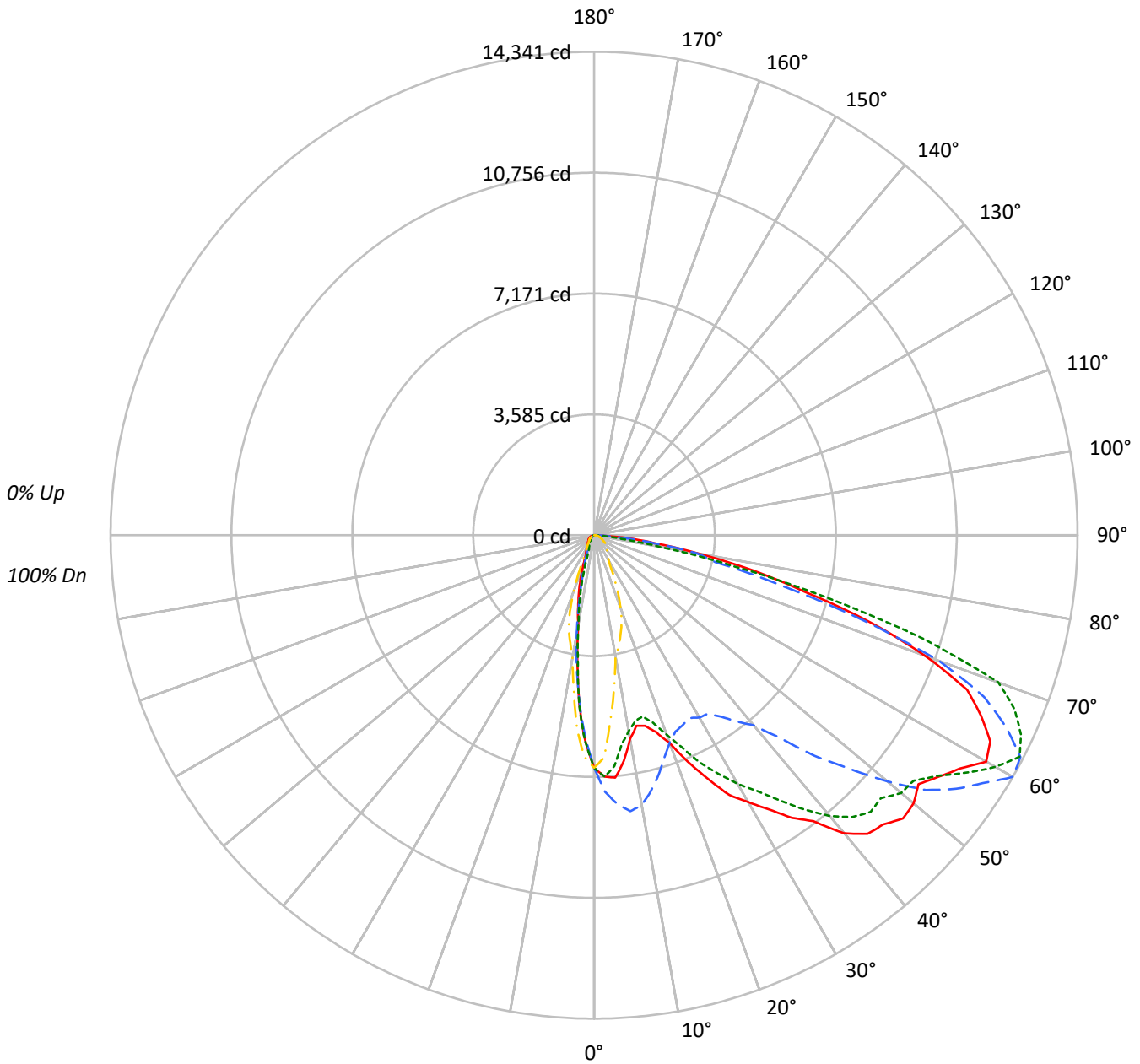
Lumens per Lamp: N/A
 Luminaire Lumens: 18340.9 lumens
 Efficiency: N/A
 Efficacy: 74.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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

TEST NUMBER: P599598
CATALOG NUMBER: IFLD-L-SA8A-827-U-SLL-HSS

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°

TEST NUMBER: P599598
 CATALOG NUMBER: IFLD-L-SA8A-827-U-SLL-HSS

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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°	37114	37114	37114	37114
5°	39002	37124	27122	27281
10°	33538	32253	14829	14481
15°	32611	31000	9633	7259
20°	37589	36018	5161	2581
25°	47263	44209	3344	2007
30°	56766	52900	2709	1644
35°	67222	63071	2220	1319
40°	81104	76355	1962	998
45°	92337	88312	1827	671
50°	103586	99567	1804	410
55°	117143	116729	1792	184
60°	144555	147982	1634	53
65°	161294	177885	1496	0
70°	164467	200768	1388	0
75°	133826	148082	1325	0
80°	97304	61934	1367	0
85°	62906	26010	1815	0

TEST NUMBER: P599598
 CATALOG NUMBER: IFLD-L-SA8A-827-U-SLL-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	523.9	2.9
10°-20°	1027.3	5.6
20°-30°	1421.6	7.8
30°-40°	2009.2	11.0
40°-50°	2735.5	14.9
50°-60°	3623.0	19.8
60°-70°	4206.6	22.9
70°-80°	2382.2	13.0
80°-90°	411.6	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°	2972.9	16.2
0°-40°	4982.0	27.2
0°-60°	11340.5	61.8
0°-90°	18340.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18340.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6896	6896	6896	6896	6896	
5°	7219	6872	5020	5050	7219	648
15°	5853	5564	1729	1303	5853	1717
25°	7959	7445	563	338	7959	3712
35°	10231	9600	338	201	10231	6450
45°	12132	11603	240	88	12132	9406
55°	12484	12440	191	20	12484	11311
65°	12666	13968	118	0	12666	12347
75°	6436	7121	64	0	6436	7024
85°	1019	421	29	0	1019	1224
90°	0	0	0	0	0	

TEST NUMBER: P599598
 CATALOG NUMBER: IFLD-L-SA8A-827-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0
2.5°	7165.4	7317.2	7322.1	7390.7	7459.3	7459.3	7620.9	7581.7	7439.7	7415.2	7312.3
5°	7219.3	7273.2	7312.3	7660.1	7954.0	7924.6	8012.7	7954.0	7679.7	7327.0	7087.1
7.5°	6754.0	6812.8	6969.5	7562.1	7958.9	8091.1	8257.6	7890.3	7601.3	6964.6	6504.2
10°	6136.9	6249.5	6538.5	7214.4	7704.2	8125.4	8125.4	7831.5	7273.2	6651.2	6087.9
12.5°	5794.0	6019.3	6176.1	6861.8	7498.5	7787.4	7777.6	7620.9	7258.5	6474.8	5838.1
15°	5852.8	5916.5	6249.5	6783.4	7204.6	7189.9	7366.2	7317.2	7062.6	6631.6	5931.2
17.5°	6122.2	6220.1	6509.1	6783.4	6984.2	6925.4	6920.5	7155.6	7170.3	6896.0	6278.9
20°	6563.0	6852.0	6989.1	7072.4	6827.5	6577.7	6548.3	6876.4	7131.1	7234.0	6695.2
22.5°	7268.3	7459.3	7738.5	7312.3	6675.6	6362.2	6303.4	6665.8	7180.1	7635.6	7234.0
25°	7958.9	8105.8	8375.2	7826.6	6847.1	6318.1	6215.3	6528.7	7366.2	8193.9	7885.4
27.5°	8688.6	8816.0	8845.3	8203.7	6940.1	6229.9	6107.5	6528.7	7523.0	8487.8	8664.1
30°	9134.3	9286.1	9315.5	8536.8	7091.9	6303.4	6244.6	6558.1	7630.7	8737.6	9222.5
32.5°	9633.9	9673.1	9648.6	8595.6	7258.5	6518.9	6274.0	6754.0	7753.1	9036.4	9731.8
35°	10231.4	10300.0	10050.2	8864.9	7630.7	6656.0	6567.9	6994.0	7963.7	9173.5	10349.0
37.5°	10686.9	10902.4	10339.2	8967.8	7704.2	6945.0	6959.7	7493.6	8110.7	9340.0	11029.7
40°	11544.0	11181.6	10828.9	9320.4	7983.3	7434.8	7356.4	8007.8	8605.4	9447.8	11475.4
42.5°	12014.2	11823.2	11019.9	9354.7	8414.3	8110.7	8130.3	8590.7	8864.9	9751.4	11597.9
45°	12131.7	11930.9	11279.5	9379.2	8840.4	8909.0	9247.0	9335.1	9247.0	9952.2	11828.1
47.5°	12430.5	11994.6	11250.1	9707.4	9531.0	9795.5	10226.5	10417.5	9766.1	9878.8	11935.8
50°	12371.7	12121.9	11186.5	9844.5	10373.4	11073.8	11362.8	11284.4	10344.1	9726.9	11818.3
52.5°	12126.8	11857.5	11382.4	10216.7	11162.0	12009.3	12410.9	12215.0	10858.3	10069.8	11739.9
55°	12484.4	12278.7	11637.1	10721.2	11754.6	12832.1	13116.2	12969.3	11490.1	10388.1	12185.6
57.5°	12871.3	12827.2	12327.6	11313.8	12455.0	13679.4	13679.4	13498.2	12038.7	10848.5	12846.8
60°	13429.6	13527.6	12837.0	11705.6	12695.0	13630.5	14340.6	14130.0	12592.1	11656.7	13596.2
62.5°	13248.4	13561.9	13493.3	12548.0	12969.3	13870.4	14257.4	14414.1	13277.8	12641.1	14595.3
65°	12665.6	12998.6	13488.4	13101.5	12763.6	13287.6	13483.5	13958.6	13620.7	13566.8	15006.7
67.5°	11970.1	12332.5	12636.2	13473.7	12347.2	12695.0	12523.6	12675.4	13248.4	14580.6	15241.8
70°	10451.8	10799.6	11279.5	12646.0	11245.2	10931.8	10887.7	10814.2	11705.6	14218.2	14174.1
72.5°	8595.6	8757.2	9550.6	10280.4	8321.3	8262.5	8331.1	8247.8	9281.2	12871.3	12141.5
75°	6435.7	6597.3	7047.9	7895.2	5666.7	5328.8	5720.6	6107.5	7087.1	9991.4	8722.9
77.5°	4839.0	5044.7	5328.8	5906.7	4158.2	3629.2	3683.1	4050.4	5123.1	8002.9	4888.0
80°	3139.5	3115.0	3663.5	4065.1	3129.7	3227.6	3090.5	3359.9	3712.5	4280.6	2497.9
82.5°	1812.2	1836.7	2066.9	2331.3	2179.5	2493.0	1797.5	3002.3	2649.7	1743.6	930.6
85°	1018.7	1062.8	1273.4	1616.3	1366.5	915.9	749.4	1488.9	1665.2	715.1	450.6
87.5°	102.9	88.2	171.4	612.2	372.2	151.8	225.3	357.5	401.6	269.4	132.2
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: P599598
 CATALOG NUMBER: IFLD-L-SA8A-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0
2.5°	7165.4	7165.4	7043.0	6837.3	6754.0	6607.1	6406.3	6469.9	6401.4	6151.6	6087.9
5°	6871.6	6636.5	6381.8	6068.3	5887.1	5514.9	5397.3	5186.7	5221.0	5010.4	5020.2
7.5°	6259.3	6073.2	5642.2	5230.8	4873.3	4550.0	4094.5	3923.1	3756.6	3673.3	3771.3
10°	5901.8	5554.1	4966.3	4427.6	3952.5	3663.5	3359.9	3124.8	2909.3	2747.6	2713.4
12.5°	5642.2	5333.7	4623.5	3967.2	3595.0	3359.9	3080.7	2757.4	2546.8	2267.7	2184.4
15°	5563.8	5186.7	4437.4	3786.0	3423.5	3036.6	2718.3	2399.9	2125.6	1831.8	1728.9
17.5°	5833.2	5397.3	4432.5	3639.0	3129.7	2713.4	2272.6	1915.0	1635.9	1366.5	1302.8
20°	6288.7	5622.6	4574.5	3550.9	2850.5	2292.1	1792.6	1435.0	1121.6	945.3	901.2
22.5°	6807.9	6004.6	4589.2	3315.8	2571.3	1870.9	1307.7	945.3	768.9	685.7	661.2
25°	7444.6	6616.9	4765.5	3124.8	2243.2	1420.3	930.6	724.9	622.0	573.0	563.2
27.5°	7968.6	7043.0	4956.5	2924.0	1919.9	1053.0	729.8	592.6	538.8	489.8	484.9
30°	8512.3	7532.7	5010.4	2801.5	1640.7	866.9	626.9	524.1	465.3	440.8	435.9
32.5°	8987.4	8066.6	5181.8	2600.7	1376.3	764.0	568.1	470.2	431.0	391.8	386.9
35°	9599.6	8375.2	5265.1	2493.0	1278.3	690.6	519.2	431.0	372.2	347.7	337.9
37.5°	10255.9	8673.9	5319.0	2409.7	1195.1	646.5	489.8	406.5	352.6	318.4	308.6
40°	10868.1	9095.1	5240.6	2306.8	1131.4	592.6	470.2	377.1	328.1	293.9	279.2
42.5°	11338.3	9506.5	5216.1	2208.9	1062.8	573.0	445.7	362.4	308.6	269.4	264.5
45°	11602.8	9785.7	5044.7	2130.5	1008.9	582.8	435.9	342.8	293.9	259.6	240.0
47.5°	11539.1	10001.2	5088.8	2106.0	935.5	543.7	431.0	328.1	269.4	240.0	225.3
50°	11891.7	10437.1	5015.3	2027.7	881.6	489.8	470.2	328.1	264.5	230.2	215.5
52.5°	11950.5	10833.8	5172.0	1885.6	798.3	450.6	465.3	323.3	254.7	220.4	200.8
55°	12440.3	11294.2	5475.7	1807.3	729.8	391.8	426.1	313.5	230.2	200.8	191.0
57.5°	13106.4	12249.3	5671.6	1733.8	636.7	342.8	357.5	308.6	210.6	186.1	171.4
60°	13748.0	12631.3	5686.3	1601.6	548.5	308.6	279.2	308.6	195.9	166.5	151.8
62.5°	14228.0	12631.3	5588.3	1488.9	480.0	274.3	244.9	293.9	176.3	146.9	137.1
65°	13968.4	12293.4	5333.7	1395.9	435.9	240.0	210.6	225.3	156.7	127.3	117.5
67.5°	13503.1	11240.3	4770.4	1283.2	431.0	210.6	181.2	166.5	137.1	112.6	102.9
70°	12758.7	9820.0	3972.1	1155.9	421.2	191.0	161.6	142.0	122.4	98.0	88.2
72.5°	10280.4	8110.7	3261.9	1082.4	411.4	166.5	137.1	122.4	102.9	83.3	73.5
75°	7121.3	5181.8	2512.5	925.7	401.6	151.8	127.3	107.8	88.2	68.6	63.7
77.5°	4270.8	3462.7	1621.2	695.5	264.5	122.4	107.8	83.3	73.5	58.8	53.9
80°	1998.3	1635.9	656.3	269.4	127.3	88.2	73.5	63.7	58.8	49.0	44.1
82.5°	783.6	690.6	318.4	156.7	102.9	68.6	58.8	53.9	49.0	39.2	34.3
85°	421.2	372.2	151.8	107.8	73.5	49.0	49.0	44.1	39.2	34.3	29.4
87.5°	93.1	68.6	63.7	63.7	53.9	39.2	39.2	34.3	29.4	24.5	19.6
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: P599598
 CATALOG NUMBER: IFLD-L-SA8A-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0
2.5°	6053.6	6127.1	6009.5	6083.0	5980.2	6058.5	6068.3	5994.9	6014.4	6112.4	6156.5
5°	5157.3	5108.4	5000.6	4966.3	4971.2	4907.6	4932.0	4966.3	5020.2	5049.6	5137.7
7.5°	3717.4	3830.0	3825.1	3908.4	3913.3	3903.5	3834.9	3688.0	3737.0	3697.8	3746.8
10°	2659.5	2708.5	2801.5	2855.4	2953.3	2899.5	2742.7	2684.0	2654.6	2649.7	2698.7
12.5°	2125.6	2008.1	1998.3	2017.9	2066.9	2003.2	1924.8	1856.2	1890.5	1959.1	2013.0
15°	1645.6	1547.7	1420.3	1400.8	1410.6	1381.2	1297.9	1209.7	1234.2	1302.8	1342.0
17.5°	1263.6	1151.0	1062.8	1004.0	984.4	881.6	759.2	685.7	666.1	661.2	695.5
20°	852.2	832.6	817.9	744.5	744.5	597.5	494.7	440.8	440.8	450.6	455.5
22.5°	636.7	612.2	617.1	602.4	563.2	445.7	391.8	377.1	377.1	386.9	386.9
25°	553.4	519.2	509.4	504.5	465.3	382.0	342.8	328.1	328.1	337.9	337.9
27.5°	470.2	460.4	445.7	426.1	391.8	328.1	303.7	289.0	293.9	298.8	293.9
30°	431.0	406.5	386.9	386.9	347.7	293.9	274.3	264.5	254.7	264.5	269.4
32.5°	382.0	367.3	357.5	342.8	298.8	259.6	240.0	230.2	225.3	225.3	230.2
35°	328.1	328.1	318.4	298.8	259.6	235.1	210.6	200.8	195.9	200.8	200.8
37.5°	293.9	279.2	284.1	264.5	230.2	205.7	181.2	171.4	171.4	166.5	171.4
40°	274.3	249.8	235.1	225.3	205.7	176.3	156.7	146.9	142.0	142.0	142.0
42.5°	244.9	225.3	195.9	191.0	186.1	151.8	127.3	122.4	117.5	112.6	112.6
45°	230.2	200.8	176.3	151.8	151.8	127.3	107.8	98.0	93.1	88.2	93.1
47.5°	210.6	181.2	151.8	127.3	122.4	102.9	83.3	73.5	68.6	68.6	68.6
50°	200.8	161.6	132.2	107.8	93.1	83.3	63.7	53.9	49.0	49.0	49.0
52.5°	186.1	151.8	117.5	93.1	73.5	63.7	49.0	39.2	34.3	34.3	34.3
55°	166.5	137.1	102.9	78.4	63.7	49.0	34.3	24.5	19.6	19.6	19.6
57.5°	156.7	122.4	88.2	68.6	49.0	34.3	19.6	14.7	14.7	9.8	14.7
60°	142.0	107.8	73.5	53.9	39.2	24.5	14.7	4.9	4.9	4.9	4.9
62.5°	122.4	93.1	63.7	44.1	29.4	14.7	4.9	0.0	0.0	0.0	0.0
65°	102.9	73.5	49.0	34.3	19.6	4.9	0.0	0.0	0.0	0.0	0.0
67.5°	88.2	63.7	39.2	24.5	14.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	78.4	53.9	29.4	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	63.7	44.1	24.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	53.9	34.3	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	44.1	24.5	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	34.3	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.4	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	19.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.7	4.9	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: P599598
 CATALOG NUMBER: IFLD-L-SA8A-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0	6896.0
2.5°	6220.1	6190.8	6337.7	6577.7	6700.1	6940.1	6998.9	7150.7	7111.5	7165.4
5°	5147.5	5206.3	5421.8	5774.5	5901.8	6249.5	6577.7	6905.8	7116.4	7219.3
7.5°	3820.2	4016.2	4280.6	4603.9	4932.0	5387.5	5945.9	6327.9	6533.6	6754.0
10°	2845.6	3056.2	3359.9	3678.2	4212.1	4721.4	5279.8	5754.9	5931.2	6136.9
12.5°	2238.3	2566.4	2919.1	3261.9	3580.3	4065.1	4755.7	5446.3	5637.3	5794.0
15°	1557.5	1959.1	2463.6	2909.3	3355.0	3776.2	4491.2	5328.8	5588.3	5852.8
17.5°	862.0	1180.4	1758.3	2385.2	3041.5	3688.0	4579.4	5544.3	5936.1	6122.2
20°	499.6	626.9	1038.3	1782.8	2649.7	3497.0	4623.5	5950.8	6469.9	6563.0
22.5°	411.4	455.5	587.7	1116.7	2169.7	3374.6	4848.8	6518.9	7047.9	7268.3
25°	352.6	386.9	455.5	671.0	1640.7	3115.0	4990.8	7229.1	7718.9	7958.9
27.5°	313.5	347.7	401.6	494.7	1116.7	2757.4	5225.9	7870.7	8360.5	8688.6
30°	274.3	303.7	357.5	421.2	773.8	2355.8	5426.7	8340.9	9031.5	9134.3
32.5°	244.9	269.4	308.6	362.4	573.0	1787.7	5588.3	8825.8	9408.6	9633.9
35°	210.6	240.0	264.5	308.6	435.9	1346.9	5490.4	9202.9	9962.0	10231.4
37.5°	186.1	205.7	230.2	259.6	367.3	1053.0	5289.6	9653.5	10437.1	10686.9
40°	156.7	171.4	200.8	230.2	333.0	813.0	5059.4	10197.1	11103.2	11544.0
42.5°	132.2	146.9	166.5	215.5	274.3	602.4	4594.1	10618.3	11642.0	12014.2
45°	102.9	122.4	151.8	215.5	220.4	445.7	4114.1	10931.8	11945.6	12131.7
47.5°	78.4	98.0	146.9	186.1	176.3	308.6	3546.0	11289.3	12259.1	12430.5
50°	58.8	78.4	166.5	161.6	146.9	235.1	3188.4	11539.1	12278.7	12371.7
52.5°	39.2	58.8	137.1	122.4	122.4	205.7	3090.5	11529.3	12327.6	12126.8
55°	29.4	44.1	78.4	88.2	107.8	181.2	3002.3	11896.6	12342.3	12484.4
57.5°	19.6	34.3	53.9	68.6	93.1	156.7	2821.1	12337.4	12797.8	12871.3
60°	9.8	24.5	39.2	53.9	78.4	137.1	2566.4	12660.7	13351.3	13429.6
62.5°	4.9	14.7	29.4	44.1	63.7	107.8	2301.9	12146.4	13111.3	13248.4
65°	0.0	9.8	19.6	29.4	39.2	78.4	1870.9	10966.1	12161.1	12665.6
67.5°	0.0	0.0	9.8	19.6	24.5	58.8	1410.6	9976.7	11284.4	11970.1
70°	0.0	0.0	4.9	4.9	14.7	44.1	901.2	8262.5	10074.7	10451.8
72.5°	0.0	0.0	0.0	0.0	4.9	29.4	524.1	6136.9	7895.2	8595.6
75°	0.0	0.0	0.0	0.0	0.0	24.5	264.5	3947.6	5495.3	6435.7
77.5°	0.0	0.0	0.0	0.0	0.0	19.6	142.0	2546.8	4050.4	4839.0
80°	0.0	0.0	0.0	0.0	0.0	4.9	83.3	1479.1	2590.9	3139.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	34.3	724.9	1547.7	1812.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	9.8	386.9	773.8	1018.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	53.9	102.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)