

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: P599622

Luminaire Tested: **IFLD-L-SA7A-830-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: P599622
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7A-830-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (112) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

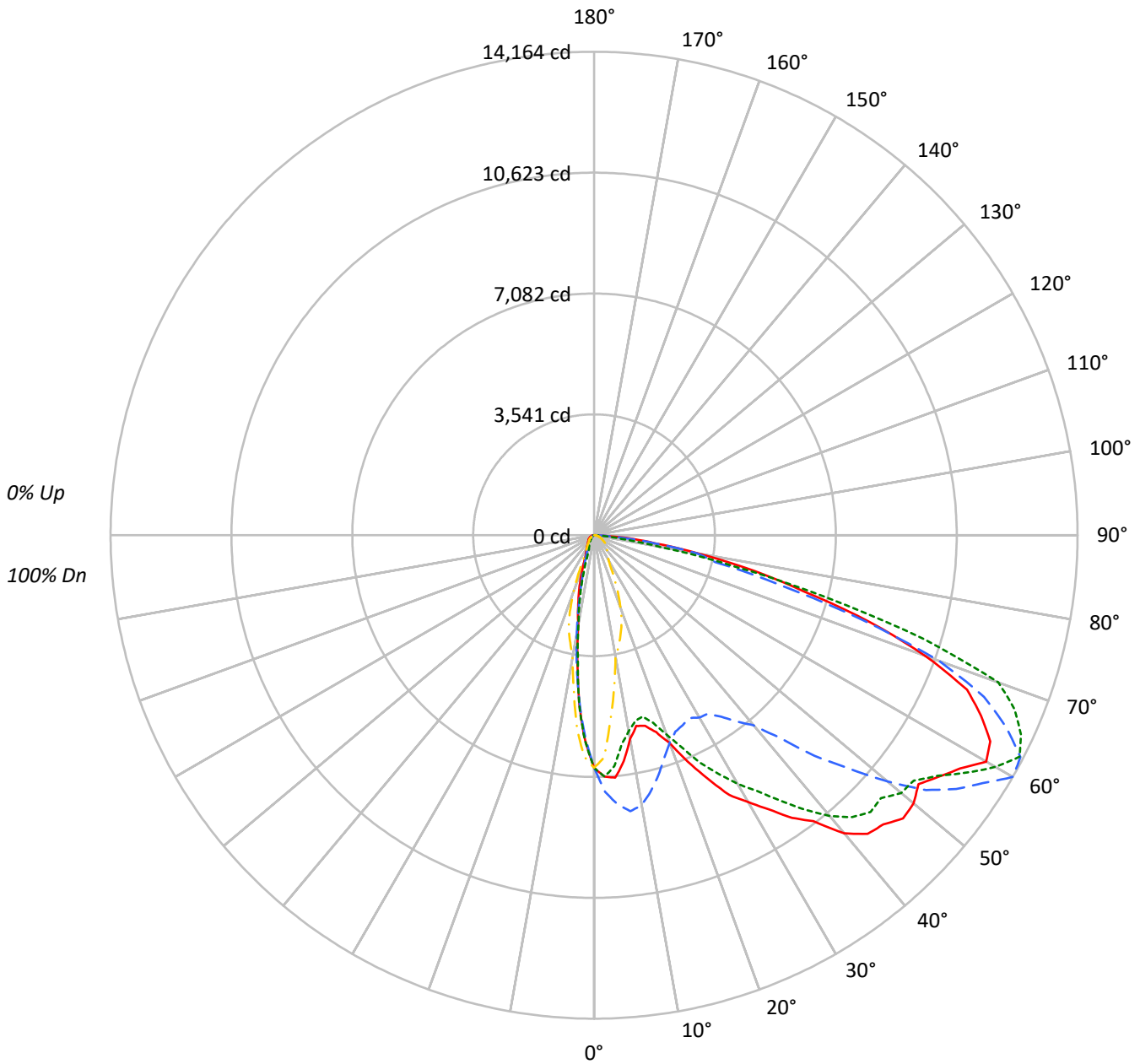
Lumens per Lamp: N/A
 Luminaire Lumens: 18114.8 lumens
 Efficiency: N/A
 Efficacy: 83.2 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 217.6
 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	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°	36657	36657	36657	36657
5°	38522	36666	26787	26944
10°	33125	31856	14646	14302
15°	32209	30619	9514	7169
20°	37125	35574	5098	2549
25°	46680	43663	3303	1982
30°	56066	52248	2675	1623
35°	66393	62294	2193	1303
40°	80104	75415	1937	986
45°	91199	87223	1804	663
50°	102309	98341	1782	405
55°	115699	115291	1771	181
60°	142774	146159	1615	52
65°	159306	175692	1479	0
70°	162441	198293	1371	0
75°	132175	146259	1308	0
80°	96105	61172	1348	0
85°	62134	25688	1791	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	517.4	2.9
10°-20°	1014.7	5.6
20°-30°	1404.1	7.8
30°-40°	1984.4	11.0
40°-50°	2701.8	14.9
50°-60°	3578.3	19.8
60°-70°	4154.7	22.9
70°-80°	2352.8	13.0
80°-90°	406.5	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°	2936.2	16.2
0°-40°	4920.6	27.2
0°-60°	11200.7	61.8
0°-90°	18114.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18114.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6811	6811	6811	6811	6811	
5°	7130	6787	4958	4987	7130	640
15°	5781	5495	1708	1287	5781	1696
25°	7861	7353	556	334	7861	3666
35°	10105	9481	334	198	10105	6370
45°	11982	11460	237	87	11982	9290
55°	12330	12287	189	19	12330	11172
65°	12510	13796	116	0	12510	12195
75°	6356	7034	63	0	6356	6937
85°	1006	416	29	0	1006	1209
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°	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0
2.5°	7077.1	7227.1	7231.9	7299.6	7367.3	7367.3	7527.0	7488.3	7348.0	7323.8	7222.2
5°	7130.3	7183.5	7222.2	7565.7	7855.9	7826.9	7914.0	7855.9	7585.0	7236.7	6999.7
7.5°	6670.8	6728.8	6883.6	7468.9	7860.8	7991.4	8155.8	7793.0	7507.6	6878.8	6424.1
10°	6061.3	6172.5	6457.9	7125.5	7609.2	8025.2	8025.2	7735.0	7183.5	6569.2	6012.9
12.5°	5722.6	5945.2	6099.9	6777.2	7406.0	7691.5	7681.8	7527.0	7169.0	6395.0	5766.2
15°	5780.7	5843.6	6172.5	6699.8	7115.8	7101.3	7275.4	7227.1	6975.5	6549.8	5858.1
17.5°	6046.7	6143.5	6428.9	6699.8	6898.1	6840.1	6835.2	7067.4	7081.9	6811.0	6201.5
20°	6482.1	6767.5	6903.0	6985.2	6743.3	6496.6	6467.6	6791.7	7043.2	7144.8	6612.7
22.5°	7178.7	7367.3	7643.1	7222.2	6593.4	6283.8	6225.7	6583.7	7091.6	7541.5	7144.8
25°	7860.8	8005.9	8271.9	7730.1	6762.7	6240.2	6138.6	6448.2	7275.4	8093.0	7788.2
27.5°	8581.5	8707.3	8736.3	8102.6	6854.6	6153.2	6032.2	6448.2	7430.2	8383.2	8557.3
30°	9021.7	9171.7	9200.7	8431.6	7004.5	6225.7	6167.7	6477.3	7536.7	8629.9	9108.8
32.5°	9515.1	9553.8	9529.7	8489.6	7169.0	6438.6	6196.7	6670.8	7657.6	8925.0	9611.9
35°	10105.3	10173.0	9926.3	8755.7	7536.7	6574.0	6486.9	6907.8	7865.6	9060.4	10221.4
37.5°	10555.2	10768.0	10211.7	8857.3	7609.2	6859.4	6873.9	7401.2	8010.7	9224.9	10893.8
40°	11401.7	11043.8	10695.5	9205.6	7884.9	7343.2	7265.8	7909.1	8499.3	9331.3	11334.0
42.5°	11866.1	11677.5	10884.1	9239.4	8310.6	8010.7	8030.1	8484.8	8755.7	9631.2	11454.9
45°	11982.2	11783.9	11140.5	9263.6	8731.5	8799.2	9133.0	9220.1	9133.0	9829.6	11682.3
47.5°	12277.3	11846.8	11111.5	9587.7	9413.6	9674.8	10100.5	10289.1	9645.8	9757.0	11788.7
50°	12219.2	11972.5	11048.6	9723.2	10245.6	10937.3	11222.7	11145.3	10216.6	9607.1	11672.6
52.5°	11977.4	11711.3	11242.1	10090.8	11024.4	11861.3	12257.9	12064.5	10724.5	9945.7	11595.2
55°	12330.5	12127.3	11493.6	10589.0	11609.7	12674.0	12954.5	12809.4	11348.5	10260.1	12035.4
57.5°	12712.7	12669.1	12175.7	11174.4	12301.5	13510.8	13510.8	13331.8	11890.3	10714.8	12688.5
60°	13264.1	13360.9	12678.8	11561.4	12538.5	13462.5	14163.9	13955.9	12436.9	11513.0	13428.6
62.5°	13085.1	13394.7	13327.0	12393.4	12809.4	13699.5	14081.6	14236.4	13114.2	12485.3	14415.4
65°	12509.5	12838.4	13322.2	12940.0	12606.2	13123.8	13317.3	13786.6	13452.8	13399.6	14821.8
67.5°	11822.6	12180.5	12480.5	13307.7	12195.1	12538.5	12369.2	12519.2	13085.1	14400.9	15054.0
70°	10323.0	10666.4	11140.5	12490.1	11106.6	10797.1	10753.5	10681.0	11561.4	14042.9	13999.4
72.5°	8489.6	8649.3	9432.9	10153.7	8218.7	8160.7	8228.4	8146.2	9166.9	12712.7	11991.9
75°	6356.3	6516.0	6961.0	7797.9	5596.9	5263.1	5650.1	6032.2	6999.7	9868.3	8615.4
77.5°	4779.3	4982.5	5263.1	5833.9	4106.9	3584.5	3637.7	4000.5	5059.9	7904.3	4827.7
80°	3100.8	3076.6	3618.4	4015.0	3091.1	3187.8	3052.4	3318.4	3666.7	4227.9	2467.1
82.5°	1789.8	1814.0	2041.4	2302.6	2152.6	2462.2	1775.3	2965.3	2617.0	1722.1	919.1
85°	1006.2	1049.7	1257.7	1596.3	1349.6	904.6	740.1	1470.6	1644.7	706.3	445.0
87.5°	101.6	87.1	169.3	604.7	367.6	150.0	222.5	353.1	396.7	266.1	130.6
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°	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0
2.5°	7077.1	7077.1	6956.2	6753.0	6670.8	6525.6	6327.3	6390.2	6322.5	6075.8	6012.9
5°	6786.9	6554.7	6303.1	5993.5	5814.5	5446.9	5330.8	5122.8	5156.7	4948.7	4958.3
7.5°	6182.2	5998.4	5572.7	5166.3	4813.2	4493.9	4044.1	3874.7	3710.3	3628.0	3724.8
10°	5829.1	5485.6	4905.1	4373.0	3903.8	3618.4	3318.4	3086.3	2873.4	2713.8	2679.9
12.5°	5572.7	5267.9	4566.5	3918.3	3550.6	3318.4	3042.7	2723.5	2515.4	2239.7	2157.5
15°	5495.3	5122.8	4382.7	3739.3	3381.3	2999.2	2684.8	2370.3	2099.4	1809.2	1707.6
17.5°	5761.3	5330.8	4377.8	3594.2	3091.1	2679.9	2244.5	1891.4	1615.7	1349.6	1286.7
20°	6211.2	5553.3	4518.1	3507.1	2815.4	2263.9	1770.5	1417.4	1107.8	933.6	890.1
22.5°	6724.0	5930.6	4532.6	3274.9	2539.6	1847.9	1291.6	933.6	759.5	677.2	653.0
25°	7352.8	6535.3	4706.8	3086.3	2215.5	1402.8	919.1	715.9	614.3	566.0	556.3
27.5°	7870.4	6956.2	4895.4	2887.9	1896.3	1040.0	720.8	585.3	532.1	483.7	478.9
30°	8407.4	7439.9	4948.7	2767.0	1620.5	856.2	619.2	517.6	459.6	435.4	430.5
32.5°	8876.6	7967.2	5118.0	2568.7	1359.3	754.6	561.1	464.4	425.7	387.0	382.2
35°	9481.3	8271.9	5200.2	2462.2	1262.6	682.1	512.8	425.7	367.6	343.5	333.8
37.5°	10129.5	8567.0	5253.4	2380.0	1180.3	638.5	483.7	401.5	348.3	314.4	304.8
40°	10734.2	8983.0	5176.0	2278.4	1117.4	585.3	464.4	372.5	324.1	290.2	275.7
42.5°	11198.6	9389.4	5151.8	2181.7	1049.7	566.0	440.2	358.0	304.8	266.1	261.2
45°	11459.8	9665.1	4982.5	2104.3	996.5	575.6	430.5	338.6	290.2	256.4	237.0
47.5°	11396.9	9878.0	5026.0	2080.1	923.9	537.0	425.7	324.1	266.1	237.0	222.5
50°	11745.2	10308.5	4953.5	2002.7	870.7	483.7	464.4	324.1	261.2	227.4	212.8
52.5°	11803.2	10700.3	5108.3	1862.4	788.5	445.0	459.6	319.3	251.5	217.7	198.3
55°	12287.0	11155.0	5408.2	1785.0	720.8	387.0	420.9	309.6	227.4	198.3	188.7
57.5°	12944.9	12098.3	5601.7	1712.4	628.9	338.6	353.1	304.8	208.0	183.8	169.3
60°	13578.6	12475.6	5616.2	1581.8	541.8	304.8	275.7	304.8	193.5	164.5	150.0
62.5°	14052.6	12475.6	5519.5	1470.6	474.1	270.9	241.9	290.2	174.1	145.1	135.4
65°	13796.2	12141.8	5267.9	1378.7	430.5	237.0	208.0	222.5	154.8	125.8	116.1
67.5°	13336.7	11101.8	4711.6	1267.4	425.7	208.0	179.0	164.5	135.4	111.3	101.6
70°	12601.4	9699.0	3923.1	1141.6	416.0	188.7	159.6	140.3	120.9	96.7	87.1
72.5°	10153.7	8010.7	3221.7	1069.1	406.3	164.5	135.4	120.9	101.6	82.2	72.6
75°	7033.6	5118.0	2481.6	914.3	396.7	150.0	125.8	106.4	87.1	67.7	62.9
77.5°	4218.2	3420.0	1601.2	686.9	261.2	120.9	106.4	82.2	72.6	58.0	53.2
80°	1973.7	1615.7	648.2	266.1	125.8	87.1	72.6	62.9	58.0	48.4	43.5
82.5°	774.0	682.1	314.4	154.8	101.6	67.7	58.0	53.2	48.4	38.7	33.9
85°	416.0	367.6	150.0	106.4	72.6	48.4	48.4	43.5	38.7	33.9	29.0
87.5°	91.9	67.7	62.9	62.9	53.2	38.7	38.7	33.9	29.0	24.2	19.3
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°	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0
2.5°	5979.0	6051.6	5935.5	6008.0	5906.5	5983.9	5993.5	5921.0	5940.3	6037.1	6080.6
5°	5093.8	5045.4	4939.0	4905.1	4910.0	4847.1	4871.3	4905.1	4958.3	4987.3	5074.4
7.5°	3671.6	3782.8	3778.0	3860.2	3865.1	3855.4	3787.7	3642.6	3690.9	3652.2	3700.6
10°	2626.7	2675.1	2767.0	2820.2	2916.9	2863.7	2708.9	2650.9	2621.9	2617.0	2665.4
12.5°	2099.4	1983.3	1973.7	1993.0	2041.4	1978.5	1901.1	1833.4	1867.2	1935.0	1988.2
15°	1625.4	1528.6	1402.8	1383.5	1393.2	1364.1	1281.9	1194.8	1219.0	1286.7	1325.4
17.5°	1248.0	1136.8	1049.7	991.7	972.3	870.7	749.8	677.2	657.9	653.0	686.9
20°	841.7	822.4	807.8	735.3	735.3	590.2	488.6	435.4	435.4	445.0	449.9
22.5°	628.9	604.7	609.5	595.0	556.3	440.2	387.0	372.5	372.5	382.2	382.2
25°	546.6	512.8	503.1	498.3	459.6	377.3	338.6	324.1	324.1	333.8	333.8
27.5°	464.4	454.7	440.2	420.9	387.0	324.1	299.9	285.4	290.2	295.1	290.2
30°	425.7	401.5	382.2	382.2	343.5	290.2	270.9	261.2	251.5	261.2	266.1
32.5°	377.3	362.8	353.1	338.6	295.1	256.4	237.0	227.4	222.5	222.5	227.4
35°	324.1	324.1	314.4	295.1	256.4	232.2	208.0	198.3	193.5	198.3	198.3
37.5°	290.2	275.7	280.6	261.2	227.4	203.2	179.0	169.3	169.3	164.5	169.3
40°	270.9	246.7	232.2	222.5	203.2	174.1	154.8	145.1	140.3	140.3	140.3
42.5°	241.9	222.5	193.5	188.7	183.8	150.0	125.8	120.9	116.1	111.3	111.3
45°	227.4	198.3	174.1	150.0	150.0	125.8	106.4	96.7	91.9	87.1	91.9
47.5°	208.0	179.0	150.0	125.8	120.9	101.6	82.2	72.6	67.7	67.7	67.7
50°	198.3	159.6	130.6	106.4	91.9	82.2	62.9	53.2	48.4	48.4	48.4
52.5°	183.8	150.0	116.1	91.9	72.6	62.9	48.4	38.7	33.9	33.9	33.9
55°	164.5	135.4	101.6	77.4	62.9	48.4	33.9	24.2	19.3	19.3	19.3
57.5°	154.8	120.9	87.1	67.7	48.4	33.9	19.3	14.5	14.5	9.7	14.5
60°	140.3	106.4	72.6	53.2	38.7	24.2	14.5	4.8	4.8	4.8	4.8
62.5°	120.9	91.9	62.9	43.5	29.0	14.5	4.8	0.0	0.0	0.0	0.0
65°	101.6	72.6	48.4	33.9	19.3	4.8	0.0	0.0	0.0	0.0	0.0
67.5°	87.1	62.9	38.7	24.2	14.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	77.4	53.2	29.0	19.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	62.9	43.5	24.2	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	53.2	33.9	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	43.5	24.2	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.9	19.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	19.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.5	4.8	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: P599622
 CATALOG NUMBER: IFLD-L-SA7A-830-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0	6811.0
2.5°	6143.5	6114.5	6259.6	6496.6	6617.5	6854.6	6912.6	7062.6	7023.9	7077.1
5°	5084.1	5142.1	5355.0	5703.3	5829.1	6172.5	6496.6	6820.7	7028.7	7130.3
7.5°	3773.2	3966.7	4227.9	4547.1	4871.3	5321.1	5872.6	6249.9	6453.1	6670.8
10°	2810.5	3018.5	3318.4	3632.9	4160.2	4663.2	5214.7	5683.9	5858.1	6061.3
12.5°	2210.7	2534.8	2883.1	3221.7	3536.1	4015.0	4697.1	5379.2	5567.8	5722.6
15°	1538.3	1935.0	2433.2	2873.4	3313.6	3729.6	4435.9	5263.1	5519.5	5780.7
17.5°	851.4	1165.8	1736.6	2355.8	3004.0	3642.6	4523.0	5475.9	5862.9	6046.7
20°	493.4	619.2	1025.5	1760.8	2617.0	3453.9	4566.5	5877.4	6390.2	6482.1
22.5°	406.3	449.9	580.5	1102.9	2143.0	3333.0	4789.0	6438.6	6961.0	7178.7
25°	348.3	382.2	449.9	662.7	1620.5	3076.6	4929.3	7140.0	7623.7	7860.8
27.5°	309.6	343.5	396.7	488.6	1102.9	2723.5	5161.5	7773.7	8257.4	8581.5
30°	270.9	299.9	353.1	416.0	764.3	2326.8	5359.8	8238.1	8920.1	9021.7
32.5°	241.9	266.1	304.8	358.0	566.0	1765.6	5519.5	8717.0	9292.6	9515.1
35°	208.0	237.0	261.2	304.8	430.5	1330.3	5422.7	9089.5	9839.3	10105.3
37.5°	183.8	203.2	227.4	256.4	362.8	1040.0	5224.4	9534.5	10308.5	10555.2
40°	154.8	169.3	198.3	227.4	328.9	803.0	4997.0	10071.4	10966.4	11401.7
42.5°	130.6	145.1	164.5	212.8	270.9	595.0	4537.5	10487.5	11498.5	11866.1
45°	101.6	120.9	150.0	212.8	217.7	440.2	4063.4	10797.1	11798.4	11982.2
47.5°	77.4	96.7	145.1	183.8	174.1	304.8	3502.3	11150.2	12108.0	12277.3
50°	58.0	77.4	164.5	159.6	145.1	232.2	3149.1	11396.9	12127.3	12219.2
52.5°	38.7	58.0	135.4	120.9	120.9	203.2	3052.4	11387.2	12175.7	11977.4
55°	29.0	43.5	77.4	87.1	106.4	179.0	2965.3	11750.0	12190.2	12330.5
57.5°	19.3	33.9	53.2	67.7	91.9	154.8	2786.3	12185.4	12640.1	12712.7
60°	9.7	24.2	38.7	53.2	77.4	135.4	2534.8	12504.7	13186.7	13264.1
62.5°	4.8	14.5	29.0	43.5	62.9	106.4	2273.6	11996.7	12949.7	13085.1
65°	0.0	9.7	19.3	29.0	38.7	77.4	1847.9	10830.9	12011.2	12509.5
67.5°	0.0	0.0	9.7	19.3	24.2	58.0	1393.2	9853.8	11145.3	11822.6
70°	0.0	0.0	4.8	4.8	14.5	43.5	890.1	8160.7	9950.5	10323.0
72.5°	0.0	0.0	0.0	0.0	4.8	29.0	517.6	6061.3	7797.9	8489.6
75°	0.0	0.0	0.0	0.0	0.0	24.2	261.2	3898.9	5427.6	6356.3
77.5°	0.0	0.0	0.0	0.0	0.0	19.3	140.3	2515.4	4000.5	4779.3
80°	0.0	0.0	0.0	0.0	0.0	4.8	82.2	1460.9	2559.0	3100.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	33.9	715.9	1528.6	1789.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	9.7	382.2	764.3	1006.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	53.2	101.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)