

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: P599361

Luminaire Tested: **IFLD-L-SA7A-830-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599361
 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-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

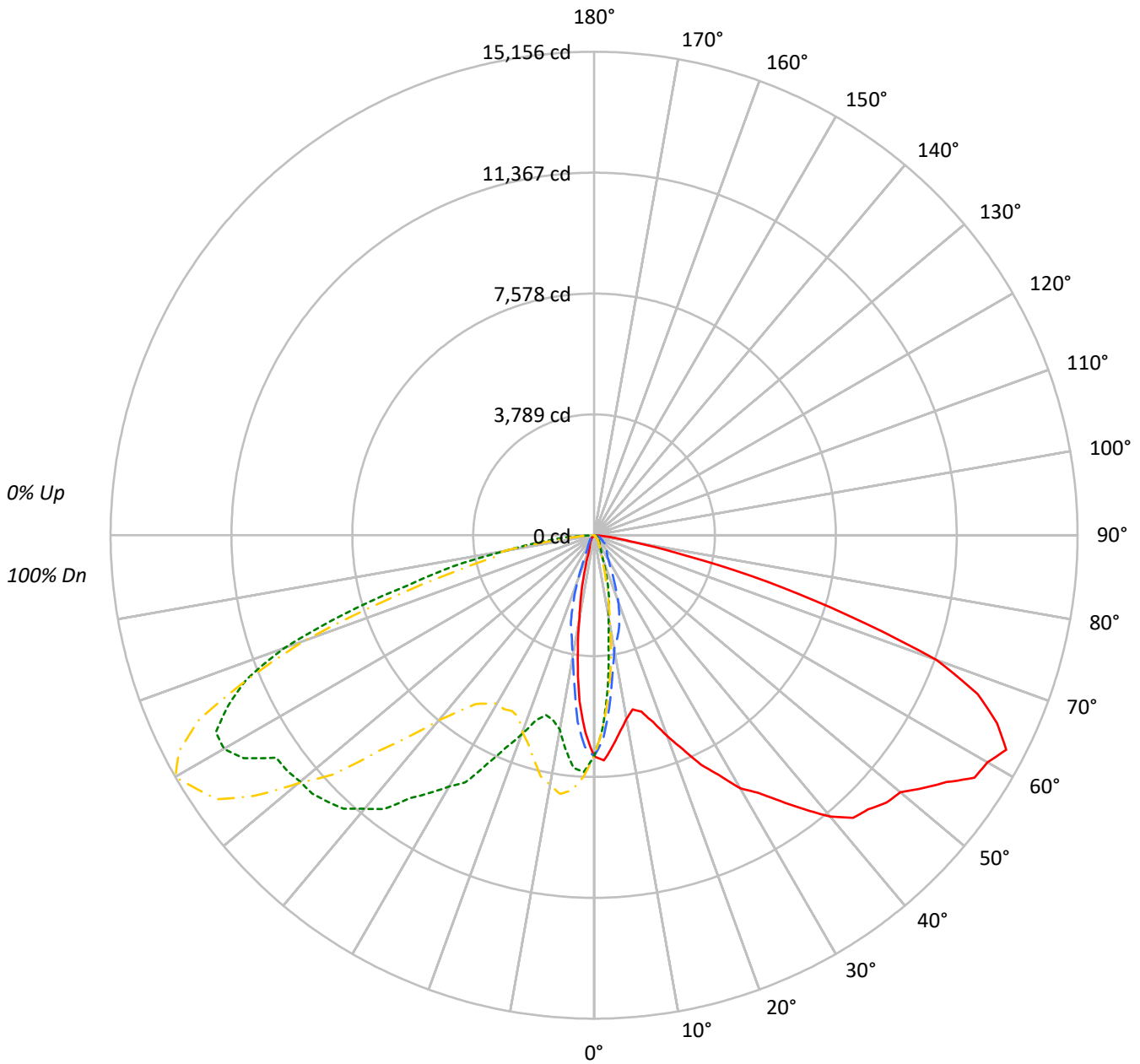
Lumens per Lamp: N/A
 Luminaire Lumens: 18116.7 lumens
 Efficiency: N/A
 Efficacy: 83.3 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	37275	37275	37275	37275
5°	35887	26229	28235	39555
10°	31952	14281	14467	33820
15°	31895	9525	5824	32494
20°	38297	4755	2322	38073
25°	47104	2988	1798	46872
30°	56913	2398	1366	56549
35°	66781	1926	1059	66107
40°	80848	1647	686	78617
45°	92493	1487	371	89928
50°	104938	1432	82	100645
55°	126584	1375	0	114118
60°	153256	1157	0	144160
65°	177459	933	0	161287
70°	179696	768	0	162634
75°	116294	507	0	124724
80°	39662	152	0	88257
85°	19909	0	0	64845

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	524.6	2.9
10°-20°	1015.9	5.6
20°-30°	1414.9	7.8
30°-40°	2010.4	11.1
40°-50°	2787.9	15.4
50°-60°	3798.7	21.0
60°-70°	4176.4	23.1
70°-80°	2052.6	11.3
80°-90°	335.2	1.9
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°	2955.5	16.3
0°-40°	4965.9	27.4
0°-60°	11552.5	63.8
0°-90°	18116.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	18116.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6926	6926	6926	6926	6926	
5°	6643	4855	5226	7322	6643	608
15°	5724	1710	1045	5832	5724	1694
25°	7932	503	303	7893	7932	3688
35°	10164	293	161	10062	10164	6452
45°	12152	195	49	11815	12152	9420
55°	13491	146	0	12162	13491	12136
65°	13935	73	0	12665	13935	13467
75°	5593	24	0	5998	5593	6097
85°	322	0	0	1050	322	446
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0
2.5°	7067.6	7150.7	7072.5	6799.0	6750.2	6618.3	6418.0	6403.4	6193.3	6217.8	6105.4
5°	6642.7	6725.7	6559.7	6198.2	5861.2	5592.6	5431.4	5143.2	5079.7	4938.1	4938.1
7.5°	6208.0	6203.1	5919.8	5617.0	5113.9	4620.6	4395.9	3980.7	3736.5	3604.6	3477.7
10°	5846.6	5768.4	5592.6	4967.4	4420.3	3907.5	3629.1	3355.5	3101.6	2881.8	2662.0
12.5°	5592.6	5641.4	5363.0	4684.1	3975.9	3619.3	3321.4	3033.2	2730.3	2481.2	2237.0
15°	5724.4	5646.3	5319.0	4620.6	3902.6	3414.2	3018.5	2666.9	2329.8	2002.6	1817.0
17.5°	6134.7	5934.5	5548.6	4620.6	3751.2	3101.6	2622.9	2207.7	1846.3	1553.2	1323.7
20°	6686.7	6457.1	6041.9	4791.5	3638.8	2872.0	2217.5	1694.9	1318.8	1045.2	869.4
22.5°	7253.2	7072.5	6447.3	4859.9	3507.0	2564.3	1748.6	1226.0	879.2	703.3	615.4
25°	7932.2	7678.2	6994.4	5133.4	3311.6	2266.3	1377.4	854.8	654.5	561.7	508.0
27.5°	8474.3	8430.4	7507.2	5299.5	3165.1	2022.1	1089.2	678.9	542.2	473.8	439.6
30°	9158.1	8918.8	8132.4	5631.6	2999.0	1743.7	908.5	610.5	498.2	424.9	400.5
32.5°	9568.4	9456.1	8459.7	5817.3	2813.4	1514.1	781.5	537.3	454.2	400.5	376.1
35°	10164.3	9939.6	8928.6	5934.5	2715.7	1382.3	703.3	488.4	381.0	327.3	297.9
37.5°	10828.6	10745.6	9490.3	5929.6	2574.0	1304.1	649.6	454.2	361.4	302.8	268.6
40°	11507.5	11170.5	9832.2	6066.4	2500.8	1245.5	610.5	434.7	341.9	288.2	244.2
42.5°	12015.5	11629.6	10227.8	6017.5	2412.9	1142.9	595.9	405.4	327.3	263.8	224.7
45°	12152.2	12015.5	10584.4	6002.9	2349.4	1059.9	571.5	400.5	317.5	249.1	210.0
47.5°	12416.0	12323.2	11024.0	6027.3	2300.5	996.4	512.9	410.3	302.8	234.4	200.3
50°	12533.2	12367.2	11380.5	6085.9	2188.2	918.3	459.1	429.8	297.9	229.6	190.5
52.5°	13016.8	12870.2	11869.0	6252.0	2095.4	815.7	405.4	410.3	307.7	214.9	180.7
55°	13490.6	13324.5	12621.1	6632.9	1963.5	732.7	346.8	361.4	293.1	195.4	161.2
57.5°	14140.2	13866.6	13124.2	6789.2	1846.3	620.3	307.7	297.9	273.5	175.8	141.6
60°	14237.9	14350.2	13051.0	6691.5	1724.2	547.0	268.6	229.6	293.1	156.3	122.1
62.5°	14565.1	14096.2	12709.1	6466.9	1636.3	503.1	239.3	190.5	254.0	136.8	102.6
65°	13935.0	13588.2	11908.0	5744.0	1523.9	508.0	210.0	156.3	161.2	112.3	83.0
67.5°	13011.9	12738.4	10579.5	4957.6	1411.6	498.2	185.6	136.8	122.1	97.7	73.3
70°	11419.6	10828.6	8987.2	4024.7	1245.5	464.0	156.3	122.1	102.6	78.1	53.7
72.5°	8308.3	8068.9	6447.3	3111.3	1118.5	420.1	146.5	102.6	87.9	58.6	44.0
75°	5592.6	5196.9	4068.7	2041.7	898.7	366.3	122.1	92.8	68.4	44.0	34.2
77.5°	2955.0	2793.8	2305.4	972.0	498.2	171.0	68.4	53.7	39.1	34.2	19.5
80°	1279.7	1138.1	996.4	395.6	175.8	78.1	44.0	29.3	24.4	19.5	9.8
82.5°	654.5	625.2	517.7	171.0	102.6	58.6	24.4	19.5	14.7	9.8	4.9
85°	322.4	332.1	273.5	53.7	58.6	34.2	4.9	4.9	0.0	0.0	0.0
87.5°	24.4	24.4	19.5	9.8	14.7	4.9	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

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0
2.5°	6061.5	6129.8	6012.6	6085.9	6051.7	6066.4	6081.0	6041.9	6051.7	6188.5	6193.3
5°	4855.0	4986.9	4938.1	5006.5	5123.7	5065.1	5118.8	5109.0	5118.8	5138.3	5226.2
7.5°	3463.0	3423.9	3516.7	3697.4	3907.5	4034.5	3971.0	3936.8	3917.2	3868.4	3927.0
10°	2613.1	2593.6	2569.2	2622.9	2759.7	2901.3	2979.4	2847.6	2774.3	2681.5	2647.3
12.5°	2168.6	2046.5	1978.2	1895.1	1934.2	2061.2	2066.1	1939.1	1821.9	1773.0	1826.7
15°	1709.5	1626.5	1504.4	1387.2	1328.5	1426.2	1343.2	1221.1	1069.7	1050.1	1045.2
17.5°	1221.1	1172.2	1084.3	1035.5	967.1	942.7	854.8	669.2	561.7	532.4	542.2
20°	830.3	791.3	786.4	742.4	713.1	693.6	551.9	429.8	395.6	400.5	405.4
22.5°	615.4	595.9	571.5	566.6	542.2	517.7	405.4	361.4	337.0	337.0	351.7
25°	503.1	493.3	468.9	459.1	449.4	415.2	341.9	307.7	297.9	288.2	302.8
27.5°	429.8	424.9	410.3	395.6	385.9	351.7	297.9	268.6	258.9	258.9	258.9
30°	385.9	385.9	366.3	337.0	337.0	297.9	254.0	234.4	224.7	224.7	219.8
32.5°	361.4	351.7	327.3	307.7	293.1	254.0	224.7	205.1	190.5	190.5	195.4
35°	293.1	293.1	288.2	273.5	254.0	214.9	190.5	171.0	161.2	156.3	161.2
37.5°	258.9	244.2	224.7	229.6	219.8	185.6	161.2	146.5	131.9	131.9	131.9
40°	234.4	219.8	200.3	185.6	180.7	166.1	141.6	117.2	102.6	97.7	97.7
42.5°	210.0	200.3	171.0	146.5	141.6	141.6	107.5	87.9	73.3	73.3	73.3
45°	195.4	180.7	156.3	127.0	102.6	107.5	87.9	63.5	53.7	48.8	48.8
47.5°	185.6	171.0	136.8	107.5	78.1	78.1	63.5	44.0	34.2	29.3	29.3
50°	171.0	156.3	122.1	87.9	58.6	48.8	39.1	24.4	14.7	9.8	9.8
52.5°	161.2	146.5	107.5	73.3	48.8	34.2	24.4	4.9	0.0	0.0	0.0
55°	146.5	127.0	92.8	58.6	39.1	19.5	4.9	0.0	0.0	0.0	0.0
57.5°	127.0	112.3	73.3	44.0	24.4	4.9	0.0	0.0	0.0	0.0	0.0
60°	107.5	92.8	58.6	34.2	9.8	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	87.9	78.1	44.0	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	73.3	58.6	34.2	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	63.5	48.8	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	48.8	34.2	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	34.2	24.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	24.4	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	14.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0
2.5°	6212.9	6359.4	6496.2	6535.3	6642.7	6940.7	6940.7	7082.3	7336.3	7429.1	7448.6
5°	5240.9	5397.2	5426.5	5729.3	5871.0	6173.8	6374.1	6852.7	7140.9	7321.6	7434.0
7.5°	3985.6	4039.4	4151.7	4435.0	4713.4	5079.7	5460.7	6071.2	6579.2	6784.4	7165.3
10°	2740.1	2901.3	3145.5	3399.5	3834.2	4239.6	4732.9	5309.3	5934.5	6188.5	6515.7
12.5°	1846.3	2071.0	2461.7	2823.2	3223.7	3634.0	4102.8	4874.6	5582.8	5934.5	6261.7
15°	1079.4	1353.0	1690.0	2276.1	2808.5	3267.6	3736.5	4518.0	5377.7	5831.9	6232.4
17.5°	547.0	630.1	908.5	1416.5	2119.8	2872.0	3570.5	4566.9	5534.0	6090.8	6422.9
20°	410.3	434.7	512.9	752.2	1450.6	2373.8	3414.2	4640.1	5968.7	6647.6	6828.3
22.5°	356.6	376.1	410.3	488.4	815.7	1817.0	3194.4	4820.8	6559.7	7199.5	7580.5
25°	302.8	322.4	351.7	400.5	522.6	1235.7	2925.7	5011.3	7087.2	7893.1	8249.7
27.5°	263.8	278.4	307.7	346.8	424.9	786.4	2461.7	5265.3	7893.1	8733.2	8826.0
30°	224.7	239.3	263.8	307.7	361.4	556.8	1807.2	5299.5	8337.6	9099.5	9358.4
32.5°	195.4	200.3	229.6	268.6	302.8	439.6	1269.9	5333.7	8664.8	9573.3	9627.0
35°	161.2	171.0	200.3	224.7	263.8	346.8	962.2	5162.8	9089.8	10061.7	10047.1
37.5°	131.9	146.5	166.1	185.6	214.9	293.1	766.8	4845.3	9622.2	10818.8	10359.7
40°	102.6	117.2	136.8	161.2	180.7	263.8	576.4	4366.6	10179.0	11190.0	10701.6
42.5°	73.3	83.0	102.6	127.0	161.2	219.8	415.2	3800.0	10398.8	11624.7	11111.9
45°	53.7	63.5	78.1	107.5	166.1	175.8	288.2	3282.3	10633.2	11815.2	11019.1
47.5°	29.3	39.1	58.6	92.8	146.5	131.9	205.1	2818.3	10901.9	11986.2	11092.3
50°	9.8	14.7	34.2	97.7	117.2	102.6	161.2	2569.2	11165.6	12020.4	11238.9
52.5°	0.0	0.0	19.5	102.6	87.9	78.1	141.6	2471.5	11097.2	12127.8	11146.1
55°	0.0	0.0	4.9	44.0	48.8	58.6	117.2	2466.6	11580.8	12162.0	11654.0
57.5°	0.0	0.0	0.0	14.7	29.3	48.8	102.6	2310.3	11888.5	13011.9	12337.8
60°	0.0	0.0	0.0	4.9	19.5	34.2	78.1	2173.5	12201.1	13392.9	13070.5
62.5°	0.0	0.0	0.0	0.0	4.9	14.7	53.7	1963.5	11571.0	13363.6	13778.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	34.2	1553.2	10408.5	12665.1	13388.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.5	1074.6	9114.2	11785.9	12670.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	649.6	7355.8	10335.3	10745.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.4	5250.7	8205.7	8816.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.3	3248.1	5998.0	6750.2
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	2105.2	4542.4	5123.7
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	1123.4	2847.6	3311.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	488.4	1729.1	1992.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156.3	1050.1	1196.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	161.2	214.9
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: P599361
 CATALOG NUMBER: IFLD-L-SA7A-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0	6926.0
2.5°	7458.4	7600.0	7653.8	7570.7	7580.5	7409.5	7385.1	7145.8	7048.1	7067.6
5°	7800.3	8005.4	8117.8	8025.0	7814.9	7487.7	7189.8	6906.5	6730.6	6642.7
7.5°	7722.1	7951.7	8093.4	8181.3	7941.9	7414.4	6960.2	6427.8	6203.1	6208.0
10°	7292.3	7771.0	8059.2	7946.8	7834.5	7307.0	6603.6	6027.3	5827.0	5846.6
12.5°	6945.5	7477.9	7648.9	7736.8	7507.2	7087.2	6613.4	5954.0	5729.3	5592.6
15°	6730.6	7126.3	7136.0	7272.8	7180.0	7180.0	6716.0	6071.2	5875.9	5724.4
17.5°	6730.6	6818.5	6808.8	6857.6	7013.9	7199.5	6974.8	6545.0	6159.2	6134.7
20°	6882.0	6608.5	6545.0	6564.6	6696.4	7248.4	7546.3	7009.0	6764.8	6686.7
22.5°	7233.7	6632.9	6247.1	6178.7	6584.1	7243.5	7912.6	7741.7	7316.7	7253.2
25°	7717.3	6589.0	6168.9	6081.0	6388.7	7419.3	8415.7	8449.9	8064.0	7932.2
27.5°	8176.4	6784.4	6159.2	6139.6	6545.0	7380.2	8762.5	9016.5	8581.8	8474.3
30°	8332.7	6979.7	6339.9	6081.0	6603.6	7521.9	8752.7	9417.0	9133.7	9158.1
32.5°	8518.3	7175.1	6359.4	6256.8	6852.7	7751.5	9031.1	10061.7	9856.6	9568.4
35°	8791.8	7438.9	6545.0	6452.2	7028.6	7956.6	9089.8	10535.5	10501.3	10164.3
37.5°	9026.3	7697.7	6930.9	6945.5	7565.8	8288.7	9348.6	11116.8	11058.2	10828.6
40°	9192.3	8059.2	7531.7	7570.7	8034.7	8659.9	9807.8	11409.8	11844.5	11507.5
42.5°	9216.8	8381.5	8220.3	8532.9	8967.7	9236.3	9993.4	11610.1	12235.3	12015.5
45°	9309.6	8894.4	9343.7	9573.3	9929.9	9744.3	9983.6	11952.0	12264.6	12152.2
47.5°	9671.0	9827.3	10393.9	11092.3	11219.3	10608.8	10218.0	12005.7	12430.7	12416.0
50°	10047.1	10828.6	11624.7	12088.7	12249.9	11204.7	10437.8	11961.8	12650.4	12533.2
52.5°	10467.1	11698.0	12845.8	13417.3	13329.4	11864.1	10686.9	12318.3	13055.8	13016.8
55°	10730.9	12088.7	13632.2	14428.3	14360.0	12601.6	11478.2	12831.2	13588.2	13490.6
57.5°	11429.4	12723.7	14413.7	14784.9	14965.6	13568.7	12030.1	13671.3	14032.7	14140.2
60°	12005.7	13138.9	14618.8	15156.1	15219.6	14145.1	12997.2	14535.8	14599.3	14237.9
62.5°	12850.7	13300.1	14184.1	14667.7	14994.9	14472.3	13866.6	14999.8	14589.5	14565.1
65°	13471.0	12772.6	13373.3	13642.0	13852.0	13974.1	14740.9	15317.3	14408.8	13935.0
67.5°	13124.2	11776.1	11663.8	11678.5	11742.0	12479.5	14447.9	14540.7	13402.6	13011.9
70°	11551.5	9661.2	9509.8	9627.0	9309.6	10198.5	13261.0	13217.0	11825.0	11419.6
72.5°	9343.7	7043.2	6784.4	6945.5	7018.8	7961.5	11155.8	10022.7	8625.7	8308.3
75°	7424.2	5162.8	4356.8	4747.6	4996.7	5797.7	8713.7	6808.8	6022.4	5592.6
77.5°	5831.9	3907.5	3389.7	3233.4	3463.0	4215.2	6339.9	3575.3	3155.3	2955.0
80°	3697.4	2872.0	3116.2	2891.5	2989.2	3008.8	3301.8	1626.5	1294.4	1279.7
82.5°	2227.3	1963.5	2334.7	1284.6	2339.6	2090.5	1372.5	737.5	654.5	654.5
85°	1577.6	1216.2	805.9	522.6	1040.4	1147.8	532.4	381.0	332.1	322.4
87.5°	791.3	376.1	180.7	117.2	131.9	214.9	63.5	29.3	29.3	24.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)