

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: P599366

Luminaire Tested: **IFLD-L-SA8A-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: P599366
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8A-830-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (128) 3000K CCT, 80 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

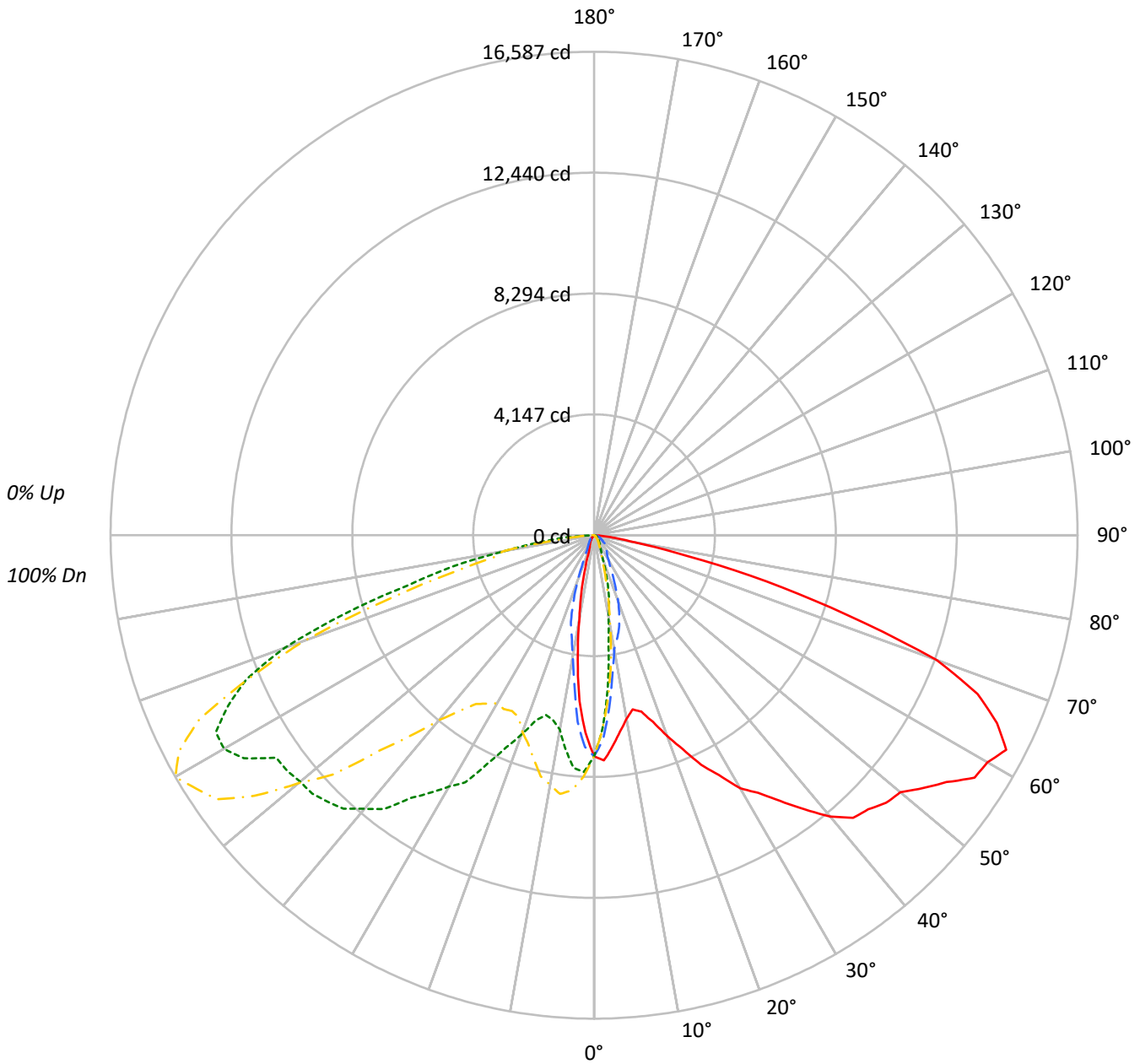
Lumens per Lamp: N/A
 Luminaire Lumens: 19827.5 lumens
 Efficiency: N/A
 Efficacy: 80.0 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 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

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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				
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°	40795	40795	40795	40795
5°	39276	28706	30901	43290
10°	34968	15629	15834	37013
15°	34907	10425	6374	35563
20°	41913	5204	2541	41668
25°	51552	3270	1968	51298
30°	62288	2624	1495	61889
35°	73087	2107	1159	72350
40°	88482	1803	751	86041
45°	101228	1627	407	98420
50°	114848	1567	90	110149
55°	138538	1505	0	124895
60°	167727	1266	0	157773
65°	194217	1021	0	176518
70°	196664	842	0	177991
75°	127276	555	0	136502
80°	43406	164	0	96591
85°	21786	0	0	70970

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	574.2	2.9
10°-20°	1111.8	5.6
20°-30°	1548.5	7.8
30°-40°	2200.3	11.1
40°-50°	3051.2	15.4
50°-60°	4157.4	21.0
60°-70°	4570.7	23.1
70°-80°	2246.5	11.3
80°-90°	366.8	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°	3234.6	16.3
0°-40°	5434.9	27.4
0°-60°	12643.4	63.8
0°-90°	19827.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19827.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7580	7580	7580	7580	7580	
5°	7270	5314	5720	8013	7270	665
15°	6265	1871	1144	6383	6265	1854
25°	8681	551	331	8638	8681	4036
35°	11124	321	176	11012	11124	7061
45°	13300	214	54	12931	13300	10310
55°	14764	160	0	13310	14764	13282
65°	15251	80	0	13861	15251	14738
75°	6121	27	0	6564	6121	6673
85°	353	0	0	1149	353	488
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°	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0
2.5°	7735.0	7825.9	7740.4	7441.0	7387.6	7243.3	7024.1	7008.0	6778.2	6804.9	6682.0
5°	7270.0	7360.9	7179.1	6783.5	6414.7	6120.7	5944.3	5628.9	5559.4	5404.4	5404.4
7.5°	6794.2	6788.9	6478.8	6147.4	5596.8	5056.9	4811.0	4356.6	4089.4	3945.0	3806.0
10°	6398.6	6313.1	6120.7	5436.4	4837.7	4276.5	3971.8	3672.4	3394.4	3153.9	2913.3
12.5°	6120.7	6174.1	5869.4	5126.4	4351.3	3961.1	3635.0	3319.6	2988.2	2715.6	2448.3
15°	6265.0	6179.5	5821.3	5056.9	4271.1	3736.6	3303.6	2918.7	2549.8	2191.7	1988.6
17.5°	6714.0	6494.9	6072.6	5056.9	4105.4	3394.4	2870.6	2416.2	2020.6	1699.9	1448.7
20°	7318.1	7066.8	6612.5	5244.0	3982.5	3143.2	2426.9	1854.9	1443.3	1144.0	951.5
22.5°	7938.2	7740.4	7056.2	5318.8	3838.1	2806.4	1913.7	1341.7	962.2	769.8	673.5
25°	8681.2	8403.2	7654.9	5618.2	3624.3	2480.3	1507.5	935.5	716.3	614.7	555.9
27.5°	9274.6	9226.5	8216.1	5799.9	3463.9	2213.1	1192.1	743.0	593.4	518.5	481.1
30°	10022.9	9761.0	8900.4	6163.4	3282.2	1908.4	994.3	668.2	545.2	465.1	438.3
32.5°	10472.0	10349.0	9258.5	6366.6	3079.0	1657.1	855.3	588.0	497.1	438.3	411.6
35°	11124.1	10878.2	9771.7	6494.9	2972.1	1512.8	769.8	534.6	417.0	358.2	326.1
37.5°	11851.1	11760.3	10386.4	6489.5	2817.1	1427.3	711.0	497.1	395.6	331.4	294.0
40°	12594.2	12225.3	10760.6	6639.2	2736.9	1363.1	668.2	475.8	374.2	315.4	267.3
42.5°	13150.1	12727.8	11193.6	6585.7	2640.7	1250.9	652.2	443.7	358.2	288.7	245.9
45°	13299.8	13150.1	11583.9	6569.7	2571.2	1160.0	625.4	438.3	347.5	272.6	229.9
47.5°	13588.4	13486.9	12065.0	6596.4	2517.8	1090.5	561.3	449.0	331.4	256.6	219.2
50°	13716.7	13535.0	12455.2	6660.6	2394.8	1005.0	502.5	470.4	326.1	251.2	208.5
52.5°	14245.9	14085.6	12989.7	6842.3	2293.3	892.7	443.7	449.0	336.8	235.2	197.8
55°	14764.5	14582.7	13813.0	7259.3	2148.9	801.8	379.5	395.6	320.7	213.8	176.4
57.5°	15475.4	15176.1	14363.6	7430.3	2020.6	678.9	336.8	326.1	299.4	192.4	155.0
60°	15582.3	15705.3	14283.4	7323.4	1887.0	598.7	294.0	251.2	320.7	171.1	133.6
62.5°	15940.5	15427.3	13909.2	7077.5	1790.8	550.6	261.9	208.5	278.0	149.7	112.3
65°	15250.9	14871.4	13032.5	6286.4	1667.8	555.9	229.9	171.1	176.4	122.9	90.9
67.5°	14240.6	13941.3	11578.5	5425.8	1544.9	545.2	203.1	149.7	133.6	106.9	80.2
70°	12497.9	11851.1	9835.9	4404.8	1363.1	507.8	171.1	133.6	112.3	85.5	58.8
72.5°	9092.8	8830.9	7056.2	3405.1	1224.1	459.7	160.4	112.3	96.2	64.1	48.1
75°	6120.7	5687.7	4452.9	2234.4	983.6	400.9	133.6	101.6	74.8	48.1	37.4
77.5°	3234.1	3057.7	2523.1	1063.8	545.2	187.1	74.8	58.8	42.8	37.4	21.4
80°	1400.5	1245.5	1090.5	433.0	192.4	85.5	48.1	32.1	26.7	21.4	10.7
82.5°	716.3	684.2	566.6	187.1	112.3	64.1	26.7	21.4	16.0	10.7	5.3
85°	352.8	363.5	299.4	58.8	64.1	37.4	5.3	5.3	0.0	0.0	0.0
87.5°	26.7	26.7	21.4	10.7	16.0	5.3	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°	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0
2.5°	6633.9	6708.7	6580.4	6660.6	6623.2	6639.2	6655.2	6612.5	6623.2	6772.8	6778.2
5°	5313.5	5457.8	5404.4	5479.2	5607.5	5543.4	5602.2	5591.5	5602.2	5623.5	5719.8
7.5°	3790.0	3747.2	3848.8	4046.6	4276.5	4415.4	4346.0	4308.5	4287.1	4233.7	4297.8
10°	2859.9	2838.5	2811.8	2870.6	3020.2	3175.3	3260.8	3116.5	3036.3	2934.7	2897.3
12.5°	2373.4	2239.8	2165.0	2074.1	2116.8	2255.8	2261.2	2122.2	1993.9	1940.4	1999.2
15°	1871.0	1780.1	1646.4	1518.1	1454.0	1560.9	1470.0	1336.4	1170.7	1149.3	1144.0
17.5°	1336.4	1282.9	1186.7	1133.3	1058.4	1031.7	935.5	732.3	614.7	582.7	593.4
20°	908.7	866.0	860.6	812.5	780.5	759.1	604.0	470.4	433.0	438.3	443.7
22.5°	673.5	652.2	625.4	620.1	593.4	566.6	443.7	395.6	368.8	368.8	384.9
25°	550.6	539.9	513.2	502.5	491.8	454.4	374.2	336.8	326.1	315.4	331.4
27.5°	470.4	465.1	449.0	433.0	422.3	384.9	326.1	294.0	283.3	283.3	283.3
30°	422.3	422.3	400.9	368.8	368.8	326.1	278.0	256.6	245.9	245.9	240.6
32.5°	395.6	384.9	358.2	336.8	320.7	278.0	245.9	224.5	208.5	208.5	213.8
35°	320.7	320.7	315.4	299.4	278.0	235.2	208.5	187.1	176.4	171.1	176.4
37.5°	283.3	267.3	245.9	251.2	240.6	203.1	176.4	160.4	144.3	144.3	144.3
40°	256.6	240.6	219.2	203.1	197.8	181.7	155.0	128.3	112.3	106.9	106.9
42.5°	229.9	219.2	187.1	160.4	155.0	155.0	117.6	96.2	80.2	80.2	80.2
45°	213.8	197.8	171.1	139.0	112.3	117.6	96.2	69.5	58.8	53.5	53.5
47.5°	203.1	187.1	149.7	117.6	85.5	85.5	69.5	48.1	37.4	32.1	32.1
50°	187.1	171.1	133.6	96.2	64.1	53.5	42.8	26.7	16.0	10.7	10.7
52.5°	176.4	160.4	117.6	80.2	53.5	37.4	26.7	5.3	0.0	0.0	0.0
55°	160.4	139.0	101.6	64.1	42.8	21.4	5.3	0.0	0.0	0.0	0.0
57.5°	139.0	122.9	80.2	48.1	26.7	5.3	0.0	0.0	0.0	0.0	0.0
60°	117.6	101.6	64.1	37.4	10.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	96.2	85.5	48.1	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	80.2	64.1	37.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	69.5	53.5	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	53.5	37.4	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	37.4	26.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	26.7	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	16.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.3	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°	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0
2.5°	6799.6	6959.9	7109.6	7152.4	7270.0	7596.1	7596.1	7751.1	8029.0	8130.6	8152.0
5°	5735.8	5906.9	5938.9	6270.4	6425.4	6756.8	6976.0	7499.8	7815.2	8013.0	8136.0
7.5°	4362.0	4420.8	4543.7	4853.8	5158.5	5559.4	5976.3	6644.5	7200.5	7425.0	7842.0
10°	2998.9	3175.3	3442.5	3720.5	4196.3	4640.0	5179.9	5810.6	6494.9	6772.8	7131.0
12.5°	2020.6	2266.5	2694.2	3089.7	3528.1	3977.1	4490.3	5334.9	6110.0	6494.9	6853.0
15°	1181.4	1480.7	1849.6	2491.0	3073.7	3576.2	4089.4	4944.7	5885.5	6382.6	6821.0
17.5°	598.7	689.6	994.3	1550.2	2320.0	3143.2	3907.6	4998.1	6056.5	6665.9	7029.4
20°	449.0	475.8	561.3	823.2	1587.6	2597.9	3736.6	5078.3	6532.3	7275.3	7473.1
22.5°	390.2	411.6	449.0	534.6	892.7	1988.6	3496.0	5276.1	7179.1	7879.4	8296.3
25°	331.4	352.8	384.9	438.3	572.0	1352.4	3202.0	5484.6	7756.4	8638.4	9028.7
27.5°	288.7	304.7	336.8	379.5	465.1	860.6	2694.2	5762.5	8638.4	9557.9	9659.4
30°	245.9	261.9	288.7	336.8	395.6	609.4	1977.9	5799.9	9124.9	9958.8	10242.1
32.5°	213.8	219.2	251.2	294.0	331.4	481.1	1389.8	5837.4	9483.0	10477.3	10536.1
35°	176.4	187.1	219.2	245.9	288.7	379.5	1053.1	5650.3	9948.1	11011.9	10995.8
37.5°	144.3	160.4	181.7	203.1	235.2	320.7	839.3	5302.8	10530.8	11840.4	11338.0
40°	112.3	128.3	149.7	176.4	197.8	288.7	630.8	4778.9	11140.2	12246.7	11712.1
42.5°	80.2	90.9	112.3	139.0	176.4	240.6	454.4	4158.9	11380.7	12722.5	12161.2
45°	58.8	69.5	85.5	117.6	181.7	192.4	315.4	3592.2	11637.3	12930.9	12059.6
47.5°	32.1	42.8	64.1	101.6	160.4	144.3	224.5	3084.4	11931.3	13118.0	12139.8
50°	10.7	16.0	37.4	106.9	128.3	112.3	176.4	2811.8	12220.0	13155.5	12300.2
52.5°	0.0	0.0	21.4	112.3	96.2	85.5	155.0	2704.9	12145.1	13273.1	12198.6
55°	0.0	0.0	5.3	48.1	53.5	64.1	128.3	2699.5	12674.4	13310.5	12754.5
57.5°	0.0	0.0	0.0	16.0	32.1	53.5	112.3	2528.5	13011.1	14240.6	13502.9
60°	0.0	0.0	0.0	5.3	21.4	37.4	85.5	2378.8	13353.2	14657.6	14304.8
62.5°	0.0	0.0	0.0	0.0	5.3	16.0	58.8	2148.9	12663.7	14625.5	15079.9
65°	0.0	0.0	0.0	0.0	0.0	0.0	37.4	1699.9	11391.4	13861.1	14652.2
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	21.4	1176.0	9974.8	12898.9	13866.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	711.0	8050.4	11311.2	11760.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	304.7	5746.5	8980.6	9648.8
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.9	3554.8	6564.4	7387.6
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.1	2303.9	4971.4	5607.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	1229.5	3116.5	3624.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	534.6	1892.3	2181.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	171.1	1149.3	1309.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	176.4	235.2
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: P599366
 CATALOG NUMBER: IFLD-L-SA8A-830-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0	7580.0
2.5°	8162.7	8317.7	8376.5	8285.6	8296.3	8109.2	8082.5	7820.6	7713.7	7735.0
5°	8536.9	8761.4	8884.3	8782.8	8552.9	8194.8	7868.7	7558.6	7366.2	7270.0
7.5°	8451.3	8702.6	8857.6	8953.8	8691.9	8114.6	7617.4	7034.8	6788.9	6794.2
10°	7980.9	8504.8	8820.2	8697.2	8574.3	7997.0	7227.2	6596.4	6377.3	6398.6
12.5°	7601.4	8184.1	8371.2	8467.4	8216.1	7756.4	7237.9	6516.3	6270.4	6120.7
15°	7366.2	7799.2	7809.9	7959.6	7858.0	7858.0	7350.2	6644.5	6430.7	6265.0
17.5°	7366.2	7462.4	7451.7	7505.2	7676.2	7879.4	7633.5	7163.1	6740.8	6714.0
20°	7531.9	7232.6	7163.1	7184.4	7328.8	7932.8	8258.9	7670.9	7403.6	7318.1
22.5°	7916.8	7259.3	6837.0	6762.1	7205.8	7927.5	8659.8	8472.7	8007.7	7938.2
25°	8446.0	7211.2	6751.5	6655.2	6992.0	8119.9	9210.4	9247.8	8825.5	8681.2
27.5°	8948.5	7425.0	6740.8	6719.4	7163.1	8077.2	9590.0	9867.9	9392.2	9274.6
30°	9119.5	7638.8	6938.6	6655.2	7227.2	8232.2	9579.3	10306.3	9996.2	10022.9
32.5°	9322.7	7852.6	6959.9	6847.7	7499.8	8483.4	9884.0	11011.9	10787.4	10472.0
35°	9622.0	8141.3	7163.1	7061.5	7692.3	8707.9	9948.1	11530.4	11493.0	11124.1
37.5°	9878.6	8424.6	7585.4	7601.4	8280.3	9071.4	10231.4	12166.5	12102.4	11851.1
40°	10060.4	8820.2	8242.9	8285.6	8793.5	9477.7	10733.9	12487.3	12963.0	12594.2
42.5°	10087.1	9173.0	8996.6	9338.7	9814.5	10108.5	10937.0	12706.4	13390.7	13150.1
45°	10188.7	9734.3	10226.1	10477.3	10867.5	10664.4	10926.3	13080.6	13422.7	13299.8
47.5°	10584.2	10755.3	11375.4	12139.8	12278.8	11610.6	11182.9	13139.4	13604.5	13588.4
50°	10995.8	11851.1	12722.5	13230.3	13406.7	12262.7	11423.5	13091.3	13845.0	13716.7
52.5°	11455.6	12802.6	14058.9	14684.3	14588.1	12984.4	11696.1	13481.5	14288.7	14245.9
55°	11744.2	13230.3	14919.5	15790.8	15716.0	13791.6	12562.1	14042.8	14871.4	14764.5
57.5°	12508.6	13925.2	15774.8	16181.0	16378.8	14850.0	13166.1	14962.3	15357.8	15475.4
60°	13139.4	14379.6	15999.3	16587.3	16656.8	15480.8	14224.6	15908.4	15977.9	15582.3
62.5°	14064.2	14556.0	15523.5	16052.8	16410.9	15838.9	15176.1	16416.3	15967.2	15940.5
65°	14743.1	13978.7	14636.2	14930.2	15160.0	15293.7	16132.9	16763.7	15769.4	15250.9
67.5°	14363.6	12888.2	12765.2	12781.3	12850.8	13657.9	15812.2	15913.8	14668.3	14240.6
70°	12642.3	10573.5	10407.8	10536.1	10188.7	11161.6	14513.2	14465.1	12941.6	12497.9
72.5°	10226.1	7708.3	7425.0	7601.4	7681.6	8713.3	12209.3	10969.1	9440.3	9092.8
75°	8125.3	5650.3	4768.3	5195.9	5468.5	6345.2	9536.5	7451.7	6591.1	6120.7
77.5°	6382.6	4276.5	3709.8	3538.8	3790.0	4613.2	6938.6	3913.0	3453.2	3234.1
80°	4046.6	3143.2	3410.5	3164.6	3271.5	3292.9	3613.6	1780.1	1416.6	1400.5
82.5°	2437.6	2148.9	2555.2	1405.9	2560.5	2287.9	1502.1	807.2	716.3	716.3
85°	1726.6	1331.0	882.0	572.0	1138.6	1256.2	582.7	417.0	363.5	352.8
87.5°	866.0	411.6	197.8	128.3	144.3	235.2	69.5	32.1	32.1	26.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)