

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: P598654

Luminaire Tested: **IFLD-S-SA3E-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598654
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3E-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

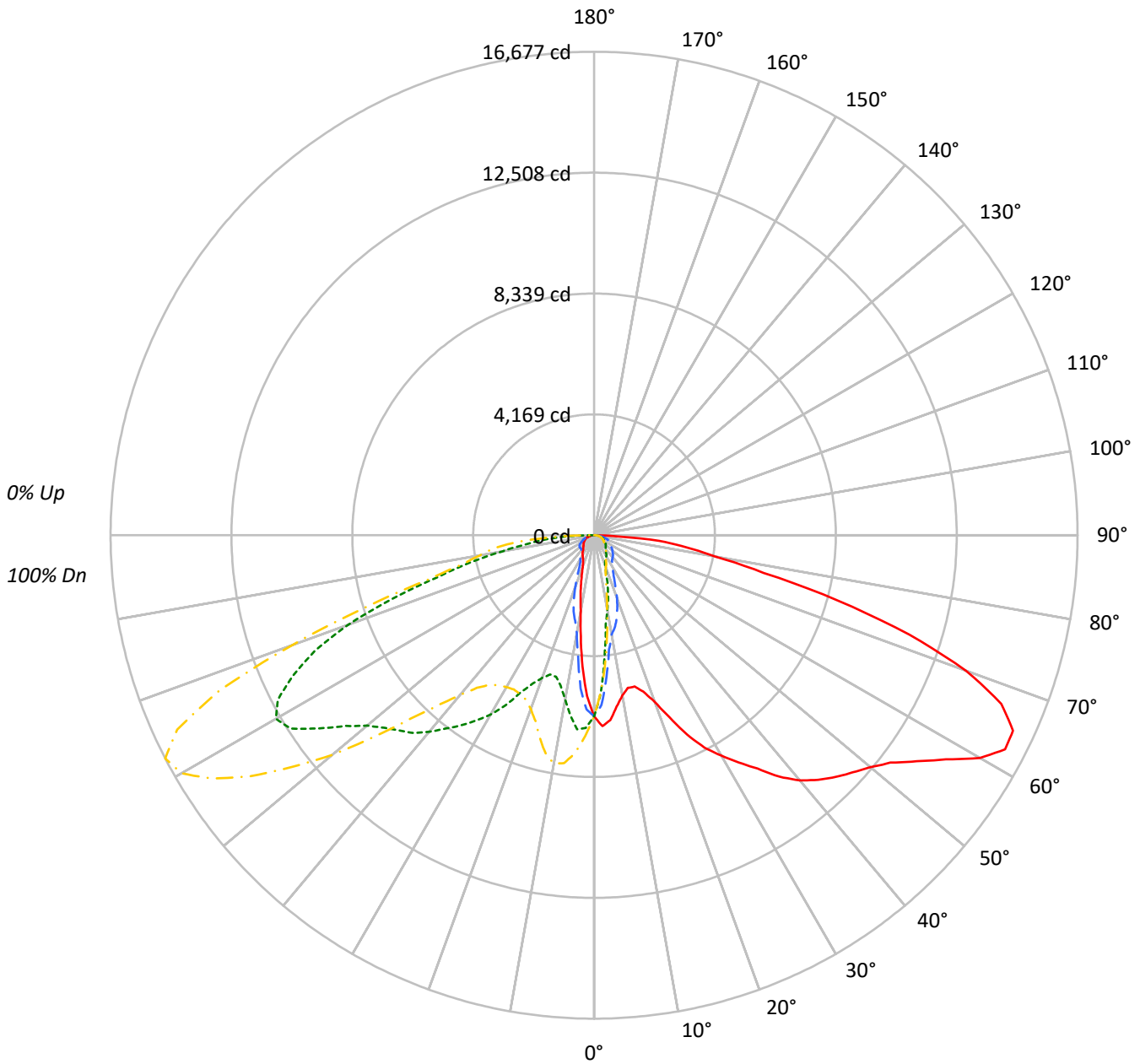
Lumens per Lamp: N/A
 Luminaire Lumens: 20891.8 lumens
 Efficiency: N/A
 Efficacy: 90.0 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 232.1
 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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	89567	89567	89567	89567
5°	92176	59939	65480	96835
10°	81778	38086	38469	83689
15°	80259	27012	25584	75065
20°	93313	17087	17220	79963
25°	120003	14672	14257	94535
30°	145429	13906	13037	118343
35°	172128	12250	11791	140275
40°	206824	11627	10808	165721
45°	239318	11531	10467	193193
50°	277902	11709	10539	228136
55°	340086	12028	10717	290658
60°	441059	12041	11289	363536
65°	541409	12171	11577	389138
70°	572900	12836	12102	378876
75°	482256	13569	12116	309225
80°	350367	15893	12282	267288
85°	371346	23021	10078	277781

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	483.0	2.3
10°-20°	1010.8	4.8
20°-30°	1456.7	7.0
30°-40°	2097.1	10.0
40°-50°	2978.7	14.3
50°-60°	4282.6	20.5
60°-70°	4947.8	23.7
70°-80°	2801.5	13.4
80°-90°	833.7	4.0
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°	2950.5	14.1
0°-40°	5047.6	24.2
0°-60°	12308.8	58.9
0°-90°	20891.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	20891.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6241	6241	6241	6241	6241	
5°	6398	4160	4545	6722	6398	581
15°	5402	1818	1722	5052	5402	1588
25°	7578	926	900	5970	7578	3517
35°	9824	699	673	8006	9824	6235
45°	11791	568	516	9518	11791	9130
55°	13592	481	428	11616	13592	12309
65°	15943	358	341	11459	15943	15288
75°	8697	245	218	5576	8697	9228
85°	2255	140	61	1687	2255	2246
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°	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8
2.5°	6590.4	6581.7	6529.2	6363.1	6188.3	6022.3	5864.9	5698.9	5611.5	5506.6	5462.9
5°	6398.1	6380.6	6232.0	5864.9	5541.5	5191.9	4894.7	4658.7	4466.4	4274.1	4204.2
7.5°	5961.1	5934.9	5760.0	5253.1	4781.1	4326.6	3968.2	3662.3	3408.8	3295.2	3164.1
10°	5611.5	5567.8	5340.5	4781.1	4169.3	3714.7	3478.8	3269.0	3050.5	2866.9	2674.6
12.5°	5392.9	5340.5	5104.5	4449.0	3854.6	3513.7	3269.0	3033.0	2762.0	2534.8	2325.0
15°	5401.7	5340.5	5052.1	4361.6	3775.9	3338.9	2998.0	2674.6	2360.0	2106.5	1870.5
17.5°	5655.2	5576.5	5270.6	4483.9	3714.7	3111.6	2657.1	2237.6	1879.2	1608.3	1416.0
20°	6109.7	6057.2	5707.6	4667.5	3653.6	2866.9	2307.5	1800.6	1424.7	1214.9	1136.3
22.5°	6791.4	6730.3	6354.4	4947.2	3636.1	2648.4	1931.7	1416.0	1145.0	1057.6	1013.9
25°	7578.1	7464.5	7114.8	5419.2	3671.0	2447.4	1625.7	1171.2	1022.6	961.5	935.2
27.5°	8259.9	8189.9	7796.6	5864.9	3688.5	2290.0	1416.0	1066.4	952.7	900.3	882.8
30°	8775.5	8749.3	8364.7	6354.4	3644.8	2097.7	1284.9	1022.6	952.7	900.3	847.8
32.5°	9291.2	9300.0	8889.2	6730.3	3583.6	1931.7	1162.5	909.0	839.1	804.1	812.9
35°	9824.4	9868.1	9518.5	7097.4	3452.5	1870.5	1075.1	847.8	786.7	734.2	708.0
37.5°	10497.4	10611.1	10270.2	7508.2	3321.4	1818.0	1031.4	804.1	742.9	699.2	664.3
40°	11039.4	11249.1	11048.1	7892.7	3234.0	1756.9	996.4	760.4	716.7	664.3	638.1
42.5°	11441.4	11686.2	11616.2	8189.9	3234.0	1695.7	961.5	734.2	699.2	638.1	603.1
45°	11791.0	12044.5	12035.8	8495.8	3303.9	1660.7	917.8	734.2	681.8	620.6	585.6
47.5°	12105.7	12359.2	12446.6	8880.4	3417.6	1643.2	865.3	716.7	681.8	611.8	559.4
50°	12446.6	12726.3	12988.5	9492.3	3557.4	1599.5	830.4	690.5	690.5	603.1	541.9
52.5°	12883.6	13198.3	13679.0	10252.7	3697.3	1520.9	777.9	673.0	690.5	594.4	524.4
55°	13591.6	13853.8	14483.1	11161.7	3872.1	1424.7	734.2	629.3	655.5	568.1	498.2
57.5°	14387.0	14614.3	15138.7	11861.0	3924.5	1302.3	673.0	585.6	629.3	541.9	463.3
60°	15365.9	15479.6	15479.6	12062.0	3749.7	1188.7	629.3	550.7	568.1	515.7	437.0
62.5°	15986.5	15986.5	15479.6	11694.9	3417.6	1092.6	594.4	515.7	498.2	480.7	410.8
65°	15942.8	15872.9	15121.2	10628.6	3033.0	1031.4	559.4	472.0	445.8	437.0	384.6
67.5°	15208.6	15086.3	14063.6	9125.2	2630.9	1005.2	524.4	428.3	410.8	393.3	349.6
70°	13652.8	13338.1	12079.5	7342.1	2237.6	987.7	515.7	393.3	375.8	358.4	323.4
72.5°	11397.7	10995.7	9431.1	5646.4	1879.2	926.5	489.5	349.6	340.9	323.4	288.4
75°	8696.9	7953.9	6581.7	4317.8	1459.7	804.1	419.5	305.9	305.9	297.2	262.2
77.5°	5996.0	5611.5	4588.8	3190.3	1066.4	620.6	340.9	271.0	271.0	279.7	244.7
80°	4239.2	3880.8	3269.0	2290.0	673.0	419.5	262.2	227.3	253.5	271.0	227.3
82.5°	3242.8	2980.5	2429.9	1669.5	393.3	288.4	201.0	183.6	218.5	236.0	192.3
85°	2255.1	1940.4	1232.4	1118.8	227.3	174.8	148.6	148.6	192.3	236.0	174.8
87.5°	638.1	271.0	78.7	332.1	96.1	69.9	52.4	35.0	52.4	52.4	35.0
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°	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8
2.5°	5419.2	5366.7	5366.7	5349.2	5358.0	5366.7	5358.0	5419.2	5445.4	5480.3	5550.3
5°	4160.5	4230.4	4178.0	4230.4	4300.4	4405.3	4431.5	4510.1	4518.9	4580.1	4545.1
7.5°	3085.4	3076.7	3033.0	3094.2	3286.5	3435.0	3505.0	3548.7	3557.4	3557.4	3513.7
10°	2613.4	2534.8	2456.1	2412.4	2429.9	2587.2	2639.7	2665.9	2648.4	2674.6	2639.7
12.5°	2237.6	2167.7	2054.0	1975.4	1922.9	1966.6	2019.1	2045.3	2062.8	2106.5	2141.4
15°	1818.0	1748.1	1678.2	1634.5	1590.8	1555.8	1599.5	1625.7	1669.5	1704.4	1721.9
17.5°	1381.0	1346.1	1311.1	1337.3	1337.3	1319.8	1337.3	1346.1	1363.5	1389.8	1381.0
20°	1118.8	1110.1	1101.3	1145.0	1180.0	1180.0	1197.5	1171.2	1162.5	1136.3	1127.5
22.5°	996.4	996.4	1005.2	1040.1	1075.1	1092.6	1092.6	1048.9	1005.2	987.7	996.4
25°	926.5	926.5	952.7	961.5	978.9	978.9	987.7	944.0	917.8	891.5	900.3
27.5°	874.1	874.1	882.8	882.8	891.5	891.5	900.3	882.8	847.8	839.1	839.1
30°	839.1	839.1	830.4	830.4	830.4	830.4	839.1	812.9	795.4	786.7	786.7
32.5°	804.1	795.4	786.7	786.7	777.9	777.9	786.7	760.4	751.7	751.7	751.7
35°	699.2	690.5	699.2	716.7	716.7	725.5	725.5	716.7	699.2	681.8	673.0
37.5°	655.5	646.8	646.8	646.8	664.3	673.0	681.8	664.3	638.1	611.8	611.8
40°	620.6	620.6	611.8	611.8	611.8	629.3	646.8	620.6	585.6	576.9	576.9
42.5°	594.4	585.6	576.9	568.1	559.4	585.6	603.1	568.1	550.7	550.7	550.7
45°	568.1	559.4	550.7	541.9	533.2	541.9	559.4	524.4	515.7	515.7	515.7
47.5°	541.9	533.2	515.7	507.0	498.2	498.2	515.7	489.5	480.7	489.5	489.5
50°	524.4	507.0	489.5	480.7	472.0	472.0	472.0	463.3	463.3	463.3	472.0
52.5°	507.0	489.5	463.3	454.5	445.8	445.8	445.8	445.8	437.0	445.8	454.5
55°	480.7	463.3	445.8	437.0	428.3	419.5	428.3	419.5	419.5	428.3	428.3
57.5°	445.8	428.3	410.8	410.8	402.1	402.1	410.8	402.1	402.1	410.8	410.8
60°	419.5	402.1	384.6	384.6	375.8	384.6	393.3	384.6	384.6	384.6	393.3
62.5°	384.6	375.8	358.4	358.4	358.4	358.4	367.1	358.4	367.1	367.1	367.1
65°	358.4	340.9	332.1	332.1	332.1	332.1	349.6	332.1	340.9	340.9	340.9
67.5°	332.1	314.7	305.9	305.9	305.9	305.9	323.4	305.9	314.7	323.4	314.7
70°	305.9	288.4	279.7	279.7	279.7	279.7	288.4	279.7	279.7	288.4	288.4
72.5°	271.0	262.2	253.5	253.5	244.7	253.5	262.2	253.5	253.5	253.5	253.5
75°	244.7	236.0	236.0	227.3	227.3	227.3	236.0	218.5	218.5	218.5	218.5
77.5°	227.3	209.8	209.8	209.8	201.0	209.8	201.0	183.6	183.6	183.6	183.6
80°	192.3	174.8	183.6	183.6	174.8	174.8	166.1	148.6	148.6	148.6	148.6
82.5°	157.3	139.8	148.6	148.6	148.6	148.6	131.1	122.4	113.6	104.9	104.9
85°	139.8	113.6	131.1	131.1	122.4	122.4	87.4	87.4	69.9	69.9	61.2
87.5°	26.2	17.5	35.0	43.7	43.7	52.4	35.0	43.7	26.2	17.5	17.5
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°	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8
2.5°	5541.5	5637.7	5768.8	5864.9	6013.5	6127.2	6302.0	6450.6	6590.4	6651.6	6712.8
5°	4650.0	4711.2	4912.2	5069.5	5305.5	5559.0	5873.7	6214.6	6564.2	6721.5	6905.1
7.5°	3478.8	3592.4	3706.0	3933.3	4221.7	4632.5	5034.6	5541.5	6031.0	6267.0	6581.7
10°	2700.8	2788.2	2919.4	3155.4	3426.3	3767.2	4247.9	4851.0	5436.6	5742.6	6066.0
12.5°	2167.7	2290.0	2464.8	2709.6	3024.2	3373.9	3723.5	4282.9	4964.7	5314.3	5681.4
15°	1756.9	1853.0	2045.3	2351.2	2718.3	3076.7	3443.8	3907.0	4650.0	5052.1	5489.1
17.5°	1398.5	1468.4	1643.2	1949.2	2316.3	2718.3	3137.9	3723.5	4545.1	5034.6	5550.3
20°	1136.3	1188.7	1302.3	1529.6	1879.2	2316.3	2840.7	3548.7	4606.3	5235.6	5864.9
22.5°	996.4	1013.9	1066.4	1188.7	1477.2	1940.4	2569.7	3400.1	4719.9	5532.8	6380.6
25°	900.3	917.8	935.2	1013.9	1180.0	1617.0	2333.7	3312.7	4964.7	5969.8	6975.0
27.5°	839.1	856.6	865.3	900.3	1013.9	1381.0	2132.7	3260.2	5296.8	6607.9	7709.2
30°	786.7	786.7	812.9	865.3	944.0	1214.9	1957.9	3137.9	5646.4	7141.1	8286.1
32.5°	742.9	751.7	786.7	812.9	865.3	1075.1	1783.1	2980.5	5961.1	7578.1	8854.2
35°	664.3	664.3	673.0	716.7	786.7	961.5	1625.7	2823.2	6135.9	8006.4	9361.2
37.5°	611.8	620.6	638.1	673.0	734.2	882.8	1494.6	2648.4	6319.4	8408.4	9955.5
40°	576.9	585.6	603.1	638.1	699.2	812.9	1381.0	2508.5	6511.7	8845.5	10593.6
42.5°	550.7	559.4	576.9	611.8	664.3	795.4	1258.6	2394.9	6625.4	9247.5	11196.7
45°	524.4	533.2	559.4	594.4	638.1	777.9	1188.7	2316.3	6669.1	9518.5	11677.4
47.5°	498.2	507.0	533.2	585.6	638.1	751.7	1162.5	2272.6	6704.0	9824.4	12062.0
50°	472.0	489.5	524.4	576.9	646.8	716.7	1145.0	2263.8	6905.1	10217.7	12429.1
52.5°	454.5	480.7	515.7	576.9	638.1	664.3	1136.3	2290.0	7307.1	10803.4	12953.5
55°	437.0	463.3	498.2	576.9	611.8	620.6	1092.6	2333.7	7919.0	11616.2	13696.5
57.5°	419.5	437.0	480.7	559.4	576.9	585.6	1005.2	2394.9	8530.8	12411.6	14456.9
60°	393.3	410.8	454.5	559.4	524.4	550.7	891.5	2412.4	8967.8	12665.1	14526.9
62.5°	367.1	384.6	428.3	576.9	480.7	515.7	795.4	2351.2	9055.2	12298.0	14133.5
65°	340.9	358.4	393.3	480.7	445.8	480.7	734.2	2185.1	8766.8	11458.9	13416.8
67.5°	314.7	332.1	358.4	393.3	402.1	437.0	708.0	1922.9	8041.3	10418.8	12437.9
70°	279.7	297.2	323.4	349.6	358.4	410.8	664.3	1669.5	6870.1	9029.0	11240.4
72.5°	253.5	262.2	288.4	305.9	323.4	375.8	638.1	1459.7	5253.1	7307.1	9168.9
75°	218.5	218.5	244.7	262.2	279.7	332.1	585.6	1214.9	3706.0	5576.5	6739.0
77.5°	183.6	183.6	201.0	218.5	236.0	288.4	498.2	987.7	2569.7	4422.7	4886.0
80°	139.8	139.8	157.3	174.8	192.3	244.7	402.1	725.5	1590.8	3234.0	3557.4
82.5°	96.1	96.1	122.4	131.1	139.8	192.3	305.9	498.2	935.2	2333.7	2543.5
85°	52.4	52.4	69.9	78.7	96.1	139.8	227.3	349.6	559.4	1686.9	1695.7
87.5°	8.7	8.7	26.2	26.2	43.7	69.9	131.1	192.3	314.7	935.2	594.4
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: P598654
 CATALOG NUMBER: IFLD-S-SA3E-730-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8	6240.8
2.5°	6826.4	6922.5	6931.3	6931.3	6887.6	6896.3	6774.0	6642.8	6599.1	6590.4
5°	7184.8	7438.2	7508.2	7543.1	7429.5	7254.7	6940.0	6599.1	6424.3	6398.1
7.5°	7114.8	7621.8	7892.7	7927.7	7700.5	7289.6	6739.0	6214.6	6013.5	5961.1
10°	6704.0	7385.8	7875.3	7997.6	7752.9	7228.5	6511.7	5899.9	5655.2	5611.5
12.5°	6415.6	7071.1	7551.9	7717.9	7604.3	7149.8	6398.1	5698.9	5454.1	5392.9
15°	6258.3	6861.4	7176.0	7228.5	7219.7	7027.4	6398.1	5742.6	5471.6	5401.7
17.5°	6389.4	6800.2	6843.9	6721.5	6791.4	6887.6	6538.0	5978.6	5716.3	5655.2
20°	6651.6	6774.0	6564.2	6380.6	6415.6	6721.5	6756.5	6424.3	6214.6	6109.7
22.5°	7202.2	6870.1	6389.4	6135.9	6162.1	6590.4	7044.9	7027.4	6843.9	6791.4
25°	7761.6	7141.1	6336.9	6039.7	6074.7	6564.2	7385.8	7700.5	7604.3	7578.1
27.5°	8382.2	7595.6	6371.9	5996.0	6039.7	6599.1	7621.8	8268.6	8286.1	8259.9
30°	8801.8	7814.1	6476.8	6048.5	6109.7	6686.5	7674.2	8609.5	8766.8	8775.5
32.5°	9151.4	8032.6	6695.3	6135.9	6240.8	6843.9	7814.1	8932.9	9282.5	9291.2
35°	9431.1	8277.3	6966.2	6293.2	6450.6	7106.1	7997.6	9238.8	9763.2	9824.4
37.5°	9789.5	8548.3	7280.9	6634.1	6808.9	7481.9	8321.0	9597.2	10331.4	10497.4
40°	10174.0	8819.3	7735.4	7184.8	7438.2	8041.3	8688.1	9999.2	10812.1	11039.4
42.5°	10602.3	9107.7	8251.1	7927.7	8312.3	8749.3	9107.7	10366.3	11179.2	11441.4
45°	11021.9	9457.3	9002.8	8941.6	9369.9	9588.4	9518.5	10628.6	11528.8	11791.0
47.5°	11319.1	9964.3	9911.8	10278.9	10681.0	10567.4	9999.2	10820.8	11817.3	12105.7
50°	11590.0	10593.6	11056.8	11773.6	12018.3	11633.7	10514.9	11083.1	12123.2	12446.6
52.5°	11992.1	11266.6	12236.8	13128.4	13364.4	12752.5	11074.3	11511.4	12595.2	12883.6
55°	12813.7	12027.0	13469.2	14491.9	14535.6	13775.2	11826.0	12236.8	13259.5	13591.6
57.5°	13731.5	12962.3	14448.2	15619.4	15601.9	14797.8	12673.8	13215.8	14159.7	14387.0
60°	14561.8	13906.3	15514.5	16423.6	16379.9	15540.8	13661.5	14325.8	15191.1	15365.9
62.5°	15051.3	14762.8	15986.5	16677.0	16511.0	15785.5	14500.6	15313.5	15925.3	15986.5
65°	14972.6	15252.3	15435.9	15864.2	15628.2	15103.7	14911.4	15942.8	16004.0	15942.8
67.5°	14378.3	14972.6	13923.8	13967.5	13845.1	13399.3	14273.4	15776.8	15357.2	15208.6
70°	13478.0	13521.7	11642.5	11091.8	11284.1	10672.3	12245.6	14483.1	13836.3	13652.8
72.5°	11983.3	11441.4	8801.8	8242.4	8530.8	8093.8	9824.4	12621.4	11992.1	11397.7
75°	10051.7	9064.0	6704.0	5908.6	6057.2	6039.7	7613.0	10427.5	9291.2	8696.9
77.5°	7787.9	7062.4	4947.2	4641.3	4483.9	4518.9	5314.3	7752.9	6739.0	5996.0
80°	5690.1	4938.4	3828.4	4003.2	3915.8	3706.0	3723.5	5191.9	4685.0	4239.2
82.5°	3933.3	3513.7	3102.9	3505.0	3295.2	2971.8	2901.9	3741.0	3513.7	3242.8
85°	2639.7	2893.1	2464.8	2683.4	2325.0	2141.4	2727.1	3129.1	2526.0	2255.1
87.5°	1721.9	2648.4	1774.3	1346.1	769.2	1031.4	1669.5	2054.0	1180.0	638.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)