

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: P599206

Luminaire Tested: **IFLD-S-SA6A-735-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: P599206
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-735-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (96) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

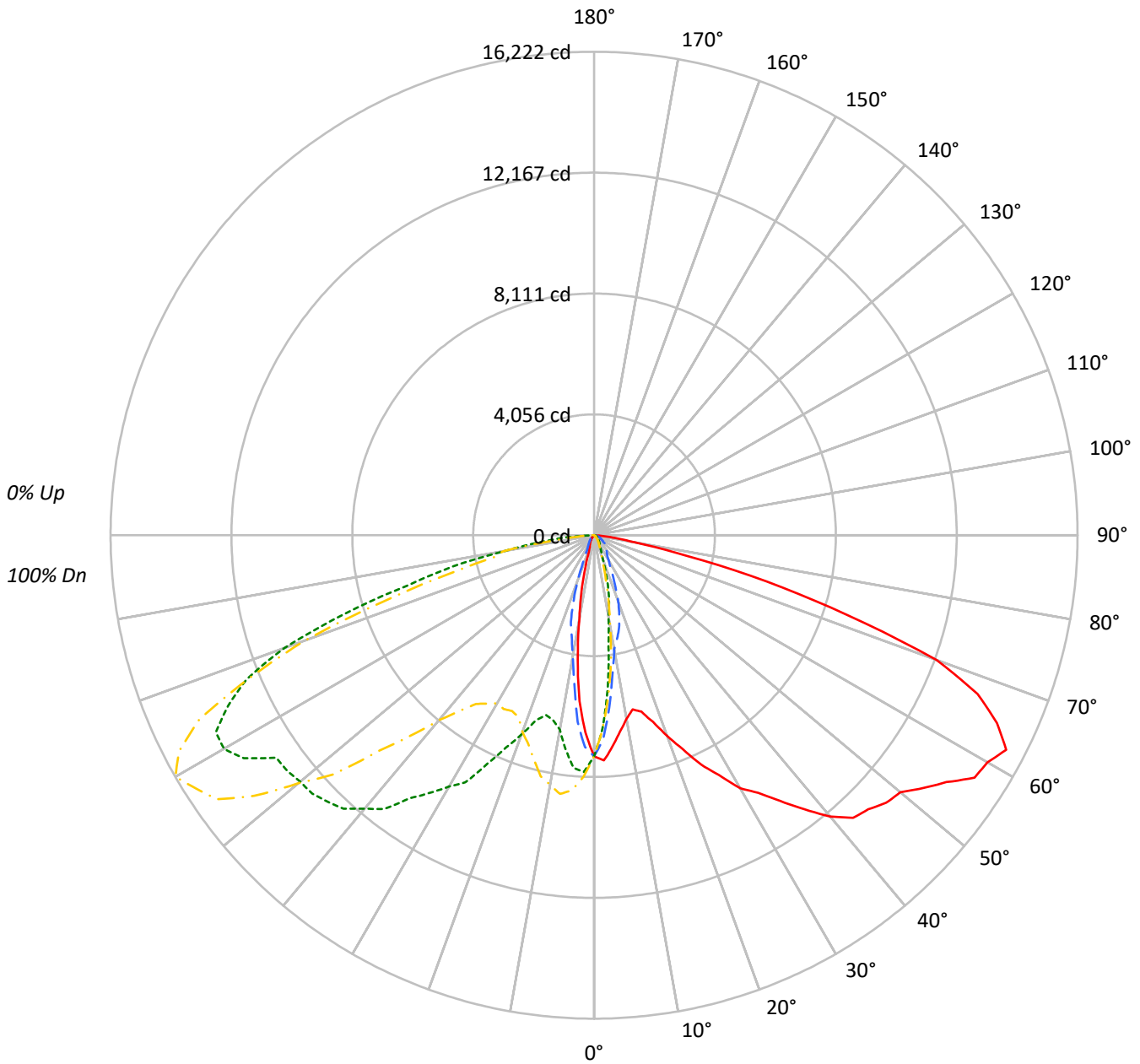
Lumens per Lamp: N/A
 Luminaire Lumens: 19390.5 lumens
 Efficiency: N/A
 Efficacy: 102.3 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100	
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	53195	53195	53195	53195
5°	51214	37432	40293	56448
10°	45597	20380	20647	48264
15°	45518	13593	8311	46372
20°	54653	6787	3313	54334
25°	67221	4264	2566	66890
30°	81221	3422	1949	80700
35°	95302	2748	1511	94340
40°	115376	2350	980	112193
45°	131996	2122	531	128336
50°	149757	2043	117	143629
55°	180646	1962	0	162857
60°	218708	1650	0	205729
65°	253249	1331	0	230170
70°	256441	1097	0	232092
75°	165961	724	0	177991
80°	56602	215	0	125949
85°	28405	0	0	92544

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	561.5	2.9
10°-20°	1087.3	5.6
20°-30°	1514.4	7.8
30°-40°	2151.8	11.1
40°-50°	2983.9	15.4
50°-60°	4065.8	21.0
60°-70°	4470.0	23.1
70°-80°	2197.0	11.3
80°-90°	358.8	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°	3163.3	16.3
0°-40°	5315.1	27.4
0°-60°	12364.8	63.8
0°-90°	19390.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19390.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7413	7413	7413	7413	7413	
5°	7110	5196	5594	7836	7110	651
15°	6127	1830	1119	6242	6127	1813
25°	8490	538	324	8448	8490	3947
35°	10879	314	172	10769	10879	6906
45°	13007	209	52	12646	13007	10083
55°	14439	157	0	13017	14439	12989
65°	14915	78	0	13556	14915	14413
75°	5986	26	0	6420	5986	6526
85°	345	0	0	1124	345	477
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°	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0
2.5°	7564.6	7653.5	7569.8	7277.1	7224.8	7083.6	6869.3	6853.6	6628.8	6655.0	6534.7
5°	7109.8	7198.6	7020.9	6634.0	6273.3	5985.8	5813.3	5504.8	5436.9	5285.3	5285.3
7.5°	6644.5	6639.3	6336.1	6011.9	5473.5	4945.5	4705.0	4260.6	3999.2	3858.1	3722.2
10°	6257.6	6174.0	5985.8	5316.6	4731.1	4182.2	3884.2	3591.5	3319.6	3084.4	2849.1
12.5°	5985.8	6038.1	5740.1	5013.4	4255.4	3873.8	3554.9	3246.4	2922.3	2655.7	2394.3
15°	6127.0	6043.3	5693.0	4945.5	4177.0	3654.2	3230.8	2854.4	2493.6	2143.4	1944.7
17.5°	6566.1	6351.7	5938.8	4945.5	4014.9	3319.6	2807.3	2363.0	1976.1	1662.4	1416.7
20°	7156.8	6911.1	6466.8	5128.4	3894.7	3073.9	2373.4	1814.0	1411.5	1118.7	930.5
22.5°	7763.2	7569.8	6900.7	5201.6	3753.5	2744.6	1871.5	1312.2	941.0	752.8	658.7
25°	8489.9	8218.1	7486.2	5494.4	3544.4	2425.7	1474.2	914.9	700.5	601.2	543.7
27.5°	9070.2	9023.1	8035.1	5672.1	3387.6	2164.3	1165.8	726.7	580.3	507.1	470.5
30°	9802.1	9545.9	8704.2	6027.6	3209.9	1866.3	972.4	653.5	533.2	454.8	428.7
32.5°	10241.2	10121.0	9054.5	6226.3	3011.2	1620.6	836.4	575.1	486.2	428.7	402.5
35°	10879.0	10638.5	9556.4	6351.7	2906.6	1479.5	752.8	522.8	407.8	350.3	318.9
37.5°	11590.0	11501.1	10157.6	6346.5	2755.0	1395.8	695.3	486.2	386.9	324.1	287.5
40°	12316.6	11955.9	10523.5	6492.9	2676.6	1333.1	653.5	465.3	365.9	308.4	261.4
42.5°	12860.3	12447.3	10947.0	6440.6	2582.5	1223.3	637.8	433.9	350.3	282.3	240.5
45°	13006.7	12860.3	11328.6	6424.9	2514.6	1134.4	611.6	428.7	339.8	266.6	224.8
47.5°	13289.0	13189.7	11799.1	6451.1	2462.3	1066.5	548.9	439.1	324.1	250.9	214.3
50°	13414.5	13236.7	12180.7	6513.8	2342.0	982.8	491.4	460.0	318.9	245.7	203.9
52.5°	13932.0	13775.2	12703.5	6691.6	2242.7	873.0	433.9	439.1	329.3	230.0	193.4
55°	14439.1	14261.4	13508.6	7099.3	2101.6	784.2	371.2	386.9	313.7	209.1	172.5
57.5°	15134.4	14841.7	14047.0	7266.6	1976.1	663.9	329.3	318.9	292.8	188.2	151.6
60°	15239.0	15359.2	13968.6	7162.1	1845.4	585.5	287.5	245.7	313.7	167.3	130.7
62.5°	15589.2	15087.4	13602.7	6921.6	1751.3	538.5	256.2	203.9	271.8	146.4	109.8
65°	14914.8	14543.7	12745.3	6147.9	1631.1	543.7	224.8	167.3	172.5	120.2	88.9
67.5°	13926.8	13634.0	11323.4	5306.2	1510.8	533.2	198.7	146.4	130.7	104.6	78.4
70°	12222.5	11590.0	9619.1	4307.7	1333.1	496.6	167.3	130.7	109.8	83.6	57.5
72.5°	8892.4	8636.3	6900.7	3330.1	1197.2	449.6	156.8	109.8	94.1	62.7	47.0
75°	5985.8	5562.4	4354.7	2185.2	961.9	392.1	130.7	99.3	73.2	47.0	36.6
77.5°	3162.8	2990.3	2467.5	1040.3	533.2	183.0	73.2	57.5	41.8	36.6	20.9
80°	1369.7	1218.1	1066.5	423.4	188.2	83.6	47.0	31.4	26.1	20.9	10.5
82.5°	700.5	669.2	554.1	183.0	109.8	62.7	26.1	20.9	15.7	10.5	5.2
85°	345.0	355.5	292.8	57.5	62.7	36.6	5.2	5.2	0.0	0.0	0.0
87.5°	26.1	26.1	20.9	10.5	15.7	5.2	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°	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0
2.5°	6487.7	6560.9	6435.4	6513.8	6477.2	6492.9	6508.6	6466.8	6477.2	6623.6	6628.8
5°	5196.4	5337.6	5285.3	5358.5	5483.9	5421.2	5478.7	5468.3	5478.7	5499.6	5593.7
7.5°	3706.5	3664.7	3764.0	3957.4	4182.2	4318.1	4250.2	4213.6	4192.7	4140.4	4203.1
10°	2796.9	2775.9	2749.8	2807.3	2953.7	3105.3	3188.9	3047.8	2969.4	2870.0	2833.5
12.5°	2321.1	2190.4	2117.2	2028.4	2070.2	2206.1	2211.3	2075.4	1950.0	1897.7	1955.2
15°	1829.7	1740.8	1610.2	1484.7	1422.0	1526.5	1437.6	1306.9	1144.9	1124.0	1118.7
17.5°	1306.9	1254.7	1160.6	1108.3	1035.1	1009.0	914.9	716.2	601.2	569.8	580.3
20°	888.7	846.9	841.7	794.6	763.3	742.3	590.7	460.0	423.4	428.7	433.9
22.5°	658.7	637.8	611.6	606.4	580.3	554.1	433.9	386.9	360.7	360.7	376.4
25°	538.5	528.0	501.9	491.4	481.0	444.4	365.9	329.3	318.9	308.4	324.1
27.5°	460.0	454.8	439.1	423.4	413.0	376.4	318.9	287.5	277.1	277.1	277.1
30°	413.0	413.0	392.1	360.7	360.7	318.9	271.8	250.9	240.5	240.5	235.2
32.5°	386.9	376.4	350.3	329.3	313.7	271.8	240.5	219.6	203.9	203.9	209.1
35°	313.7	313.7	308.4	292.8	271.8	230.0	203.9	183.0	172.5	167.3	172.5
37.5°	277.1	261.4	240.5	245.7	235.2	198.7	172.5	156.8	141.1	141.1	141.1
40°	250.9	235.2	214.3	198.7	193.4	177.7	151.6	125.5	109.8	104.6	104.6
42.5°	224.8	214.3	183.0	156.8	151.6	151.6	115.0	94.1	78.4	78.4	78.4
45°	209.1	193.4	167.3	135.9	109.8	115.0	94.1	68.0	57.5	52.3	52.3
47.5°	198.7	183.0	146.4	115.0	83.6	83.6	68.0	47.0	36.6	31.4	31.4
50°	183.0	167.3	130.7	94.1	62.7	52.3	41.8	26.1	15.7	10.5	10.5
52.5°	172.5	156.8	115.0	78.4	52.3	36.6	26.1	5.2	0.0	0.0	0.0
55°	156.8	135.9	99.3	62.7	41.8	20.9	5.2	0.0	0.0	0.0	0.0
57.5°	135.9	120.2	78.4	47.0	26.1	5.2	0.0	0.0	0.0	0.0	0.0
60°	115.0	99.3	62.7	36.6	10.5	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	94.1	83.6	47.0	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	78.4	62.7	36.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	68.0	52.3	26.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	52.3	36.6	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	36.6	26.1	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	26.1	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	15.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.2	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°	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0
2.5°	6649.7	6806.6	6952.9	6994.8	7109.8	7428.7	7428.7	7580.3	7852.1	7951.4	7972.4
5°	5609.4	5776.7	5808.1	6132.2	6283.8	6607.9	6822.2	7334.6	7643.0	7836.4	7956.7
7.5°	4265.9	4323.4	4443.6	4746.8	5044.8	5436.9	5844.7	6498.1	7041.8	7261.4	7669.1
10°	2932.8	3105.3	3366.7	3638.5	4103.8	4537.7	5065.7	5682.6	6351.7	6623.6	6973.9
12.5°	1976.1	2216.6	2634.8	3021.7	3450.3	3889.5	4391.3	5217.3	5975.3	6351.7	6702.0
15°	1155.3	1448.1	1808.8	2436.1	3006.0	3497.4	3999.2	4835.7	5755.8	6242.0	6670.6
17.5°	585.5	674.4	972.4	1516.1	2268.9	3073.9	3821.5	4888.0	5923.1	6519.0	6874.5
20°	439.1	465.3	548.9	805.1	1552.6	2540.7	3654.2	4966.4	6388.3	7115.0	7308.4
22.5°	381.6	402.5	439.1	522.8	873.0	1944.7	3419.0	5159.8	7020.9	7705.7	8113.5
25°	324.1	345.0	376.4	428.7	559.4	1322.6	3131.4	5363.7	7585.5	8448.1	8829.7
27.5°	282.3	298.0	329.3	371.2	454.8	841.7	2634.8	5635.5	8448.1	9347.3	9446.6
30°	240.5	256.2	282.3	329.3	386.9	596.0	1934.3	5672.1	8923.8	9739.3	10016.4
32.5°	209.1	214.3	245.7	287.5	324.1	470.5	1359.2	5708.7	9274.1	10246.4	10303.9
35°	172.5	183.0	214.3	240.5	282.3	371.2	1029.9	5525.8	9728.9	10769.2	10753.5
37.5°	141.1	156.8	177.7	198.7	230.0	313.7	820.8	5186.0	10298.7	11579.5	11088.1
40°	109.8	125.5	146.4	172.5	193.4	282.3	616.9	4673.6	10894.7	11976.8	11454.1
42.5°	78.4	88.9	109.8	135.9	172.5	235.2	444.4	4067.2	11129.9	12442.1	11893.2
45°	57.5	68.0	83.6	115.0	177.7	188.2	308.4	3513.1	11380.9	12646.0	11793.9
47.5°	31.4	41.8	62.7	99.3	156.8	141.1	219.6	3016.4	11668.4	12829.0	11872.3
50°	10.5	15.7	36.6	104.6	125.5	109.8	172.5	2749.8	11950.7	12865.6	12029.1
52.5°	0.0	0.0	20.9	109.8	94.1	83.6	151.6	2645.3	11877.5	12980.6	11929.8
55°	0.0	0.0	5.2	47.0	52.3	62.7	125.5	2640.0	12395.1	13017.2	12473.5
57.5°	0.0	0.0	0.0	15.7	31.4	52.3	109.8	2472.7	12724.4	13926.8	13205.4
60°	0.0	0.0	0.0	5.2	20.9	36.6	83.6	2326.4	13059.0	14334.6	13989.5
62.5°	0.0	0.0	0.0	0.0	5.2	15.7	57.5	2101.6	12384.6	14303.2	14747.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	36.6	1662.4	11140.4	13555.6	14329.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	20.9	1150.1	9755.0	12614.6	13560.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	695.3	7873.0	11062.0	11501.1
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	298.0	5619.9	8782.7	9436.1
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.2	3476.5	6419.7	7224.8
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	2253.2	4861.8	5483.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	1202.4	3047.8	3544.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	522.8	1850.6	2132.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	167.3	1124.0	1280.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	172.5	230.0
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: P599206
 CATALOG NUMBER: IFLD-S-SA6A-735-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0	7413.0
2.5°	7982.8	8134.4	8191.9	8103.1	8113.5	7930.5	7904.4	7648.2	7543.7	7564.6
5°	8348.8	8568.3	8688.6	8589.2	8364.4	8014.2	7695.3	7392.1	7203.9	7109.8
7.5°	8265.1	8510.8	8662.4	8756.5	8500.4	7935.8	7449.6	6879.8	6639.3	6644.5
10°	7805.1	8317.4	8625.8	8505.6	8385.4	7820.8	7068.0	6451.1	6236.7	6257.6
12.5°	7433.9	8003.7	8186.7	8280.8	8035.1	7585.5	7078.4	6372.7	6132.2	5985.8
15°	7203.9	7627.3	7637.8	7784.2	7684.8	7684.8	7188.2	6498.1	6289.0	6127.0
17.5°	7203.9	7298.0	7287.5	7339.8	7507.1	7705.7	7465.3	7005.2	6592.2	6566.1
20°	7365.9	7073.2	7005.2	7026.1	7167.3	7758.0	8076.9	7501.9	7240.5	7156.8
22.5°	7742.3	7099.3	6686.3	6613.1	7047.0	7752.8	8469.0	8286.0	7831.2	7763.2
25°	8259.9	7052.3	6602.7	6508.6	6837.9	7941.0	9007.5	9044.1	8631.1	8489.9
27.5°	8751.3	7261.4	6592.2	6571.3	7005.2	7899.2	9378.6	9650.5	9185.2	9070.2
30°	8918.6	7470.5	6785.7	6508.6	7068.0	8050.8	9368.2	10079.2	9775.9	9802.1
32.5°	9117.2	7679.6	6806.6	6696.8	7334.6	8296.5	9666.2	10769.2	10549.7	10241.2
35°	9410.0	7961.9	7005.2	6905.9	7522.8	8516.0	9728.9	11276.3	11239.7	10879.0
37.5°	9660.9	8239.0	7418.2	7433.9	8097.8	8871.5	10006.0	11898.4	11835.7	11590.0
40°	9838.7	8625.8	8061.2	8103.1	8599.7	9268.8	10497.4	12212.1	12677.4	12316.6
42.5°	9864.8	8970.9	8798.3	9132.9	9598.2	9885.7	10696.0	12426.4	13095.6	12860.3
45°	9964.1	9519.8	10000.7	10246.4	10628.1	10429.4	10685.6	12792.4	13126.9	13006.7
47.5°	10351.0	10518.3	11124.7	11872.3	12008.2	11354.7	10936.5	12849.9	13304.7	13289.0
50°	10753.5	11590.0	12442.1	12938.7	13111.3	11992.5	11171.8	12802.8	13539.9	13414.5
52.5°	11203.1	12520.5	13749.0	14360.7	14266.6	12698.3	11438.4	13184.5	13973.8	13932.0
55°	11485.4	12938.7	14590.7	15442.8	15369.7	13487.7	12285.3	13733.4	14543.7	14439.1
57.5°	12233.0	13618.4	15427.2	15824.5	16017.9	14522.8	12876.0	14632.5	15019.4	15134.4
60°	12849.9	14062.7	15646.7	16221.8	16289.7	15139.6	13911.1	15557.9	15625.8	15239.0
62.5°	13754.3	14235.2	15181.5	15699.0	16049.3	15489.9	14841.7	16054.5	15615.4	15589.2
65°	14418.2	13670.6	14313.6	14601.2	14826.0	14956.7	15777.4	16394.3	15421.9	14914.8
67.5°	14047.0	12604.2	12483.9	12499.6	12567.6	13357.0	15463.8	15563.1	14345.0	13926.8
70°	12363.7	10340.5	10178.5	10303.9	9964.1	10915.6	14193.4	14146.4	12656.4	12222.5
72.5°	10000.7	7538.5	7261.4	7433.9	7512.3	8521.3	11940.2	10727.4	9232.3	8892.4
75°	7946.2	5525.8	4663.2	5081.4	5348.0	6205.4	9326.4	7287.5	6445.8	5985.8
77.5°	6242.0	4182.2	3628.1	3460.8	3706.5	4511.6	6785.7	3826.7	3377.1	3162.8
80°	3957.4	3073.9	3335.3	3094.8	3199.4	3220.3	3534.0	1740.8	1385.4	1369.7
82.5°	2383.9	2101.6	2498.9	1374.9	2504.1	2237.5	1469.0	789.4	700.5	700.5
85°	1688.6	1301.7	862.6	559.4	1113.5	1228.5	569.8	407.8	355.5	345.0
87.5°	846.9	402.5	193.4	125.5	141.1	230.0	68.0	31.4	31.4	26.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)