

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: P599438

Luminaire Tested: **IFLD-S-SA6A-730-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: P599438
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-730-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

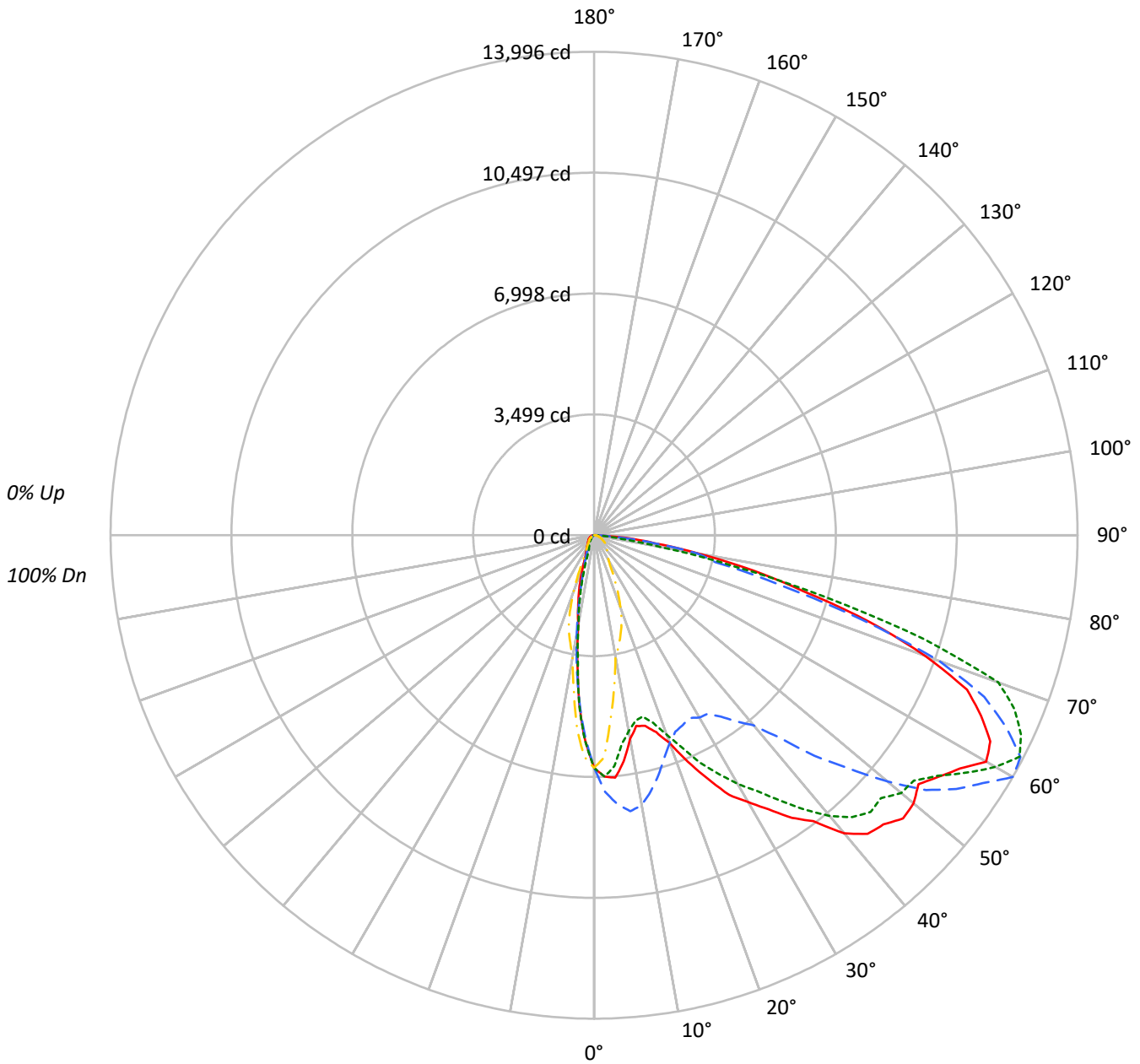
Lumens per Lamp: N/A
 Luminaire Lumens: 17900.4 lumens
 Efficiency: N/A
 Efficacy: 94.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	48297	48297	48297	48297
5°	50754	48309	35294	35500
10°	43643	41972	19296	18844
15°	42437	40341	12536	9446
20°	48915	46870	6716	3359
25°	61503	57529	4352	2611
30°	73870	68840	3525	2139
35°	87477	82075	2889	1717
40°	105542	99362	2553	1298
45°	120160	114922	2377	873
50°	134798	129569	2348	534
55°	152440	151902	2332	239
60°	188112	192572	2127	69
65°	209893	231485	1948	0
70°	214024	261262	1804	0
75°	174148	192702	1722	0
80°	126623	80595	1777	0
85°	81865	33848	2363	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	511.3	2.9
10°-20°	1002.7	5.6
20°-30°	1387.5	7.8
30°-40°	1960.9	11.0
40°-50°	2669.8	14.9
50°-60°	3536.0	19.8
60°-70°	4105.5	22.9
70°-80°	2325.0	13.0
80°-90°	401.7	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°	2901.5	16.2
0°-40°	4862.4	27.2
0°-60°	11068.2	61.8
0°-90°	17900.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17900.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6730	6730	6730	6730	6730	
5°	7046	6706	4900	4928	7046	633
15°	5712	5430	1687	1272	5712	1675
25°	7768	7266	550	330	7768	3623
35°	9986	9369	330	196	9986	6295
45°	11840	11324	234	86	11840	9180
55°	12185	12142	186	19	12185	11039
65°	12361	13633	115	0	12361	12050
75°	6281	6950	62	0	6281	6855
85°	994	411	29	0	994	1195
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°	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4
2.5°	6993.3	7141.5	7146.3	7213.2	7280.2	7280.2	7437.9	7399.7	7261.0	7237.1	7136.7
5°	7045.9	7098.5	7136.7	7476.1	7762.9	7734.3	7820.3	7762.9	7495.3	7151.1	6916.9
7.5°	6591.8	6649.2	6802.1	7380.5	7767.7	7896.8	8059.3	7700.8	7418.8	6797.4	6348.0
10°	5989.5	6099.5	6381.5	7041.1	7519.2	7930.3	7930.3	7643.4	7098.5	6491.4	5941.7
12.5°	5654.9	5874.8	6027.8	6697.0	7318.4	7600.4	7590.9	7437.9	7084.2	6319.3	5697.9
15°	5712.3	5774.4	6099.5	6620.5	7031.6	7017.2	7189.3	7141.5	6893.0	6472.3	5788.7
17.5°	5975.2	6070.8	6352.8	6620.5	6816.5	6759.1	6754.3	6983.8	6998.1	6730.4	6128.1
20°	6405.4	6687.4	6821.3	6902.5	6663.5	6419.7	6391.0	6711.3	6959.9	7060.3	6534.5
22.5°	7093.7	7280.2	7552.6	7136.7	6515.3	6209.4	6152.0	6505.8	7007.7	7452.2	7060.3
25°	7767.7	7911.1	8174.0	7638.7	6682.6	6166.4	6066.0	6371.9	7189.3	7997.2	7696.0
27.5°	8480.0	8604.3	8632.9	8006.7	6773.5	6080.3	5960.8	6371.9	7342.3	8284.0	8456.1
30°	8915.0	9063.1	9091.8	8331.8	6921.6	6152.0	6094.7	6400.6	7447.5	8527.8	9001.0
32.5°	9402.5	9440.8	9416.9	8389.1	7084.2	6362.4	6123.4	6591.8	7567.0	8819.4	9498.1
35°	9985.7	10052.6	9808.8	8652.1	7447.5	6496.2	6410.2	6826.0	7772.5	8953.2	10100.4
37.5°	10430.3	10640.6	10090.9	8752.4	7519.2	6778.2	6792.6	7313.6	7915.9	9115.7	10764.9
40°	11266.8	10913.1	10568.9	9096.6	7791.6	7256.3	7179.8	7815.5	8398.7	9220.9	11199.9
42.5°	11725.7	11539.3	10755.3	9130.1	8212.3	7915.9	7935.0	8384.4	8652.1	9517.3	11319.4
45°	11840.4	11644.4	11008.7	9154.0	8628.2	8695.1	9024.9	9110.9	9024.9	9713.2	11544.0
47.5°	12132.0	11706.6	10980.0	9474.2	9302.2	9560.3	9980.9	10167.4	9531.6	9641.5	11649.2
50°	12074.6	11830.8	10917.8	9608.1	10124.3	10807.9	11089.9	11013.4	10095.7	9493.4	11534.5
52.5°	11835.6	11572.7	11109.0	9971.4	10893.9	11720.9	12112.9	11921.7	10597.6	9828.0	11458.0
55°	12184.6	11983.8	11357.6	10463.7	11472.3	12524.0	12801.2	12657.8	11214.2	10138.7	11893.0
57.5°	12562.2	12519.2	12031.6	11042.1	12155.9	13350.9	13350.9	13174.1	11749.6	10588.0	12538.3
60°	13107.1	13202.7	12528.7	11424.5	12390.1	13303.1	13996.2	13790.7	12289.7	11376.7	13269.7
62.5°	12930.3	13236.2	13169.3	12246.7	12657.8	13537.4	13915.0	14068.0	12959.0	12337.5	14244.8
65°	12361.4	12686.5	13164.5	12786.9	12457.0	12968.5	13159.7	13623.4	13293.6	13241.0	14646.3
67.5°	11682.7	12036.4	12332.8	13150.2	12050.7	12390.1	12222.8	12371.0	12930.3	14230.5	14875.8
70°	10200.8	10540.2	11008.7	12342.3	10975.2	10669.3	10626.2	10554.5	11424.5	13876.7	13833.7
72.5°	8389.1	8546.9	9321.3	10033.5	8121.5	8064.1	8131.0	8049.8	9058.4	12562.2	11850.0
75°	6281.1	6438.8	6878.6	7705.6	5530.6	5200.8	5583.2	5960.8	6916.9	9751.5	8513.4
77.5°	4722.8	4923.5	5200.8	5764.8	4058.3	3542.1	3594.7	3953.2	5000.0	7810.7	4770.6
80°	3064.1	3040.2	3575.5	3967.5	3054.5	3150.1	3016.3	3279.2	3623.3	4177.8	2437.9
82.5°	1768.7	1792.6	2017.2	2275.3	2127.2	2433.1	1754.3	2930.2	2586.1	1701.7	908.2
85°	994.3	1037.3	1242.8	1577.4	1333.7	893.9	731.4	1453.2	1625.2	697.9	439.8
87.5°	100.4	86.0	167.3	597.5	363.3	148.2	219.9	349.0	392.0	262.9	129.1
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°	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4
2.5°	6993.3	6993.3	6873.8	6673.1	6591.8	6448.4	6252.4	6314.6	6247.6	6003.9	5941.7
5°	6706.5	6477.1	6228.5	5922.6	5745.7	5382.4	5267.7	5062.2	5095.6	4890.1	4899.6
7.5°	6109.0	5927.4	5506.7	5105.2	4756.2	4440.7	3996.2	3828.9	3666.4	3585.1	3680.7
10°	5760.1	5420.7	4847.1	4321.2	3857.6	3575.5	3279.2	3049.7	2839.4	2681.7	2648.2
12.5°	5506.7	5205.6	4512.5	3871.9	3508.6	3279.2	3006.7	2691.2	2485.7	2213.2	2131.9
15°	5430.2	5062.2	4330.8	3695.0	3341.3	2963.7	2653.0	2342.3	2074.6	1787.8	1687.4
17.5°	5693.1	5267.7	4326.0	3551.6	3054.5	2648.2	2218.0	1869.0	1596.6	1333.7	1271.5
20°	6137.7	5487.6	4464.7	3465.6	2782.0	2237.1	1749.5	1400.6	1094.7	922.6	879.5
22.5°	6644.4	5860.5	4479.0	3236.2	2509.6	1826.0	1276.3	922.6	750.5	669.2	645.3
25°	7265.8	6458.0	4651.1	3049.7	2189.3	1386.2	908.2	707.5	607.1	559.3	549.7
27.5°	7777.3	6873.8	4837.5	2853.7	1873.8	1027.7	712.2	578.4	525.8	478.0	473.2
30°	8307.9	7351.9	4890.1	2734.2	1601.3	846.1	611.9	511.5	454.1	430.2	425.4
32.5°	8771.6	7872.9	5057.4	2538.3	1343.2	745.7	554.5	458.9	420.7	382.4	377.6
35°	9369.1	8174.0	5138.6	2433.1	1247.6	674.0	506.7	420.7	363.3	339.4	329.8
37.5°	10009.6	8465.6	5191.2	2351.8	1166.4	631.0	478.0	396.8	344.2	310.7	301.1
40°	10607.1	8876.7	5114.7	2251.4	1104.2	578.4	458.9	368.1	320.3	286.8	272.5
42.5°	11066.0	9278.3	5090.8	2155.8	1037.3	559.3	435.0	353.7	301.1	262.9	258.1
45°	11324.2	9550.7	4923.5	2079.4	984.7	568.8	425.4	334.6	286.8	253.3	234.2
47.5°	11262.0	9761.0	4966.6	2055.5	913.0	530.6	420.7	320.3	262.9	234.2	219.9
50°	11606.2	10186.5	4894.9	1979.0	860.4	478.0	458.9	320.3	258.1	224.7	210.3
52.5°	11663.5	10573.7	5047.8	1840.4	779.2	439.8	454.1	315.5	248.6	215.1	196.0
55°	12141.6	11023.0	5344.2	1763.9	712.2	382.4	415.9	305.9	224.7	196.0	186.4
57.5°	12791.7	11955.1	5535.4	1692.2	621.4	334.6	349.0	301.1	205.5	181.6	167.3
60°	13417.9	12328.0	5549.7	1563.1	535.4	301.1	272.5	301.1	191.2	162.5	148.2
62.5°	13886.3	12328.0	5454.1	1453.2	468.5	267.7	239.0	286.8	172.1	143.4	133.8
65°	13633.0	11998.1	5205.6	1362.3	425.4	234.2	205.5	219.9	153.0	124.3	114.7
67.5°	13178.8	10970.4	4655.9	1252.4	420.7	205.5	176.9	162.5	133.8	109.9	100.4
70°	12452.3	9584.2	3876.7	1128.1	411.1	186.4	157.7	138.6	119.5	95.6	86.0
72.5°	10033.5	7915.9	3183.6	1056.4	401.5	162.5	133.8	119.5	100.4	81.3	71.7
75°	6950.3	5057.4	2452.2	903.4	392.0	148.2	124.3	105.2	86.0	66.9	62.1
77.5°	4168.3	3379.6	1582.2	678.8	258.1	119.5	105.2	81.3	71.7	57.4	52.6
80°	1950.3	1596.6	640.5	262.9	124.3	86.0	71.7	62.1	57.4	47.8	43.0
82.5°	764.8	674.0	310.7	153.0	100.4	66.9	57.4	52.6	47.8	38.2	33.5
85°	411.1	363.3	148.2	105.2	71.7	47.8	47.8	43.0	38.2	33.5	28.7
87.5°	90.8	66.9	62.1	62.1	52.6	38.2	38.2	33.5	28.7	23.9	19.1
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°	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4
2.5°	5908.3	5980.0	5865.2	5936.9	5836.6	5913.0	5922.6	5850.9	5870.0	5965.6	6008.6
5°	5033.5	4985.7	4880.5	4847.1	4851.8	4789.7	4813.6	4847.1	4899.6	4928.3	5014.4
7.5°	3628.1	3738.1	3733.3	3814.6	3819.3	3809.8	3742.8	3599.4	3647.2	3609.0	3656.8
10°	2595.6	2643.4	2734.2	2786.8	2882.4	2829.8	2676.9	2619.5	2590.8	2586.1	2633.9
12.5°	2074.6	1959.9	1950.3	1969.4	2017.2	1955.1	1878.6	1811.7	1845.1	1912.1	1964.6
15°	1606.1	1510.5	1386.2	1367.1	1376.7	1348.0	1266.7	1180.7	1204.6	1271.5	1309.8
17.5°	1233.3	1123.3	1037.3	979.9	960.8	860.4	740.9	669.2	650.1	645.3	678.8
20°	831.7	812.6	798.3	726.6	726.6	583.2	482.8	430.2	430.2	439.8	444.6
22.5°	621.4	597.5	602.3	588.0	549.7	435.0	382.4	368.1	368.1	377.6	377.6
25°	540.2	506.7	497.1	492.4	454.1	372.9	334.6	320.3	320.3	329.8	329.8
27.5°	458.9	449.3	435.0	415.9	382.4	320.3	296.4	282.0	286.8	291.6	286.8
30°	420.7	396.8	377.6	377.6	339.4	286.8	267.7	258.1	248.6	258.1	262.9
32.5°	372.9	358.5	349.0	334.6	291.6	253.3	234.2	224.7	219.9	219.9	224.7
35°	320.3	320.3	310.7	291.6	253.3	229.4	205.5	196.0	191.2	196.0	196.0
37.5°	286.8	272.5	277.2	258.1	224.7	200.8	176.9	167.3	167.3	162.5	167.3
40°	267.7	243.8	229.4	219.9	200.8	172.1	153.0	143.4	138.6	138.6	138.6
42.5°	239.0	219.9	191.2	186.4	181.6	148.2	124.3	119.5	114.7	109.9	109.9
45°	224.7	196.0	172.1	148.2	148.2	124.3	105.2	95.6	90.8	86.0	90.8
47.5°	205.5	176.9	148.2	124.3	119.5	100.4	81.3	71.7	66.9	66.9	66.9
50°	196.0	157.7	129.1	105.2	90.8	81.3	62.1	52.6	47.8	47.8	47.8
52.5°	181.6	148.2	114.7	90.8	71.7	62.1	47.8	38.2	33.5	33.5	33.5
55°	162.5	133.8	100.4	76.5	62.1	47.8	33.5	23.9	19.1	19.1	19.1
57.5°	153.0	119.5	86.0	66.9	47.8	33.5	19.1	14.3	14.3	9.6	14.3
60°	138.6	105.2	71.7	52.6	38.2	23.9	14.3	4.8	4.8	4.8	4.8
62.5°	119.5	90.8	62.1	43.0	28.7	14.3	4.8	0.0	0.0	0.0	0.0
65°	100.4	71.7	47.8	33.5	19.1	4.8	0.0	0.0	0.0	0.0	0.0
67.5°	86.0	62.1	38.2	23.9	14.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	76.5	52.6	28.7	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	62.1	43.0	23.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	52.6	33.5	14.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	43.0	23.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.5	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	28.7	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.3	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: P599438
 CATALOG NUMBER: IFLD-S-SA6A-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4	6730.4
2.5°	6070.8	6042.1	6185.5	6419.7	6539.2	6773.5	6830.8	6979.0	6940.8	6993.3
5°	5023.9	5081.3	5291.6	5635.8	5760.1	6099.5	6419.7	6740.0	6945.5	7045.9
7.5°	3728.5	3919.7	4177.8	4493.3	4813.6	5258.2	5803.1	6175.9	6376.7	6591.8
10°	2777.3	2982.8	3279.2	3589.9	4110.9	4608.1	5153.0	5616.7	5788.7	5989.5
12.5°	2184.5	2504.8	2849.0	3183.6	3494.3	3967.5	4641.5	5315.5	5501.9	5654.9
15°	1520.1	1912.1	2404.4	2839.4	3274.4	3685.5	4383.4	5200.8	5454.1	5712.3
17.5°	841.3	1152.0	1716.1	2327.9	2968.5	3599.4	4469.4	5411.1	5793.5	5975.2
20°	487.6	611.9	1013.4	1740.0	2586.1	3413.0	4512.5	5807.9	6314.6	6405.4
22.5°	401.5	444.6	573.6	1089.9	2117.6	3293.5	4732.3	6362.4	6878.6	7093.7
25°	344.2	377.6	444.6	654.9	1601.3	3040.2	4871.0	7055.5	7533.5	7767.7
27.5°	305.9	339.4	392.0	482.8	1089.9	2691.2	5100.4	7681.7	8159.7	8480.0
30°	267.7	296.4	349.0	411.1	755.3	2299.2	5296.4	8140.6	8814.6	8915.0
32.5°	239.0	262.9	301.1	353.7	559.3	1744.8	5454.1	8613.8	9182.6	9402.5
35°	205.5	234.2	258.1	301.1	425.4	1314.5	5358.5	8981.9	9722.8	9985.7
37.5°	181.6	200.8	224.7	253.3	358.5	1027.7	5162.6	9421.7	10186.5	10430.3
40°	153.0	167.3	196.0	224.7	325.0	793.5	4937.9	9952.3	10836.6	11266.8
42.5°	129.1	143.4	162.5	210.3	267.7	588.0	4483.8	10363.3	11362.4	11725.7
45°	100.4	119.5	148.2	210.3	215.1	435.0	4015.3	10669.3	11658.8	11840.4
47.5°	76.5	95.6	143.4	181.6	172.1	301.1	3460.8	11018.2	11964.7	12132.0
50°	57.4	76.5	162.5	157.7	143.4	229.4	3111.9	11262.0	11983.8	12074.6
52.5°	38.2	57.4	133.8	119.5	119.5	200.8	3016.3	11252.4	12031.6	11835.6
55°	28.7	43.0	76.5	86.0	105.2	176.9	2930.2	11611.0	12046.0	12184.6
57.5°	19.1	33.5	52.6	66.9	90.8	153.0	2753.4	12041.2	12490.5	12562.2
60°	9.6	23.9	38.2	52.6	76.5	133.8	2504.8	12356.7	13030.7	13107.1
62.5°	4.8	14.3	28.7	43.0	62.1	105.2	2246.7	11854.7	12796.4	12930.3
65°	0.0	9.6	19.1	28.7	38.2	76.5	1826.0	10702.7	11869.1	12361.4
67.5°	0.0	0.0	9.6	19.1	23.9	57.4	1376.7	9737.1	11013.4	11682.7
70°	0.0	0.0	4.8	4.8	14.3	43.0	879.5	8064.1	9832.7	10200.8
72.5°	0.0	0.0	0.0	0.0	4.8	28.7	511.5	5989.5	7705.6	8389.1
75°	0.0	0.0	0.0	0.0	0.0	23.9	258.1	3852.8	5363.3	6281.1
77.5°	0.0	0.0	0.0	0.0	0.0	19.1	138.6	2485.7	3953.2	4722.8
80°	0.0	0.0	0.0	0.0	0.0	4.8	81.3	1443.6	2528.7	3064.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	33.5	707.5	1510.5	1768.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	9.6	377.6	755.3	994.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	52.6	100.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)