

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: P599439

Luminaire Tested: **IFLD-S-SA6B-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: P599439
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6B-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

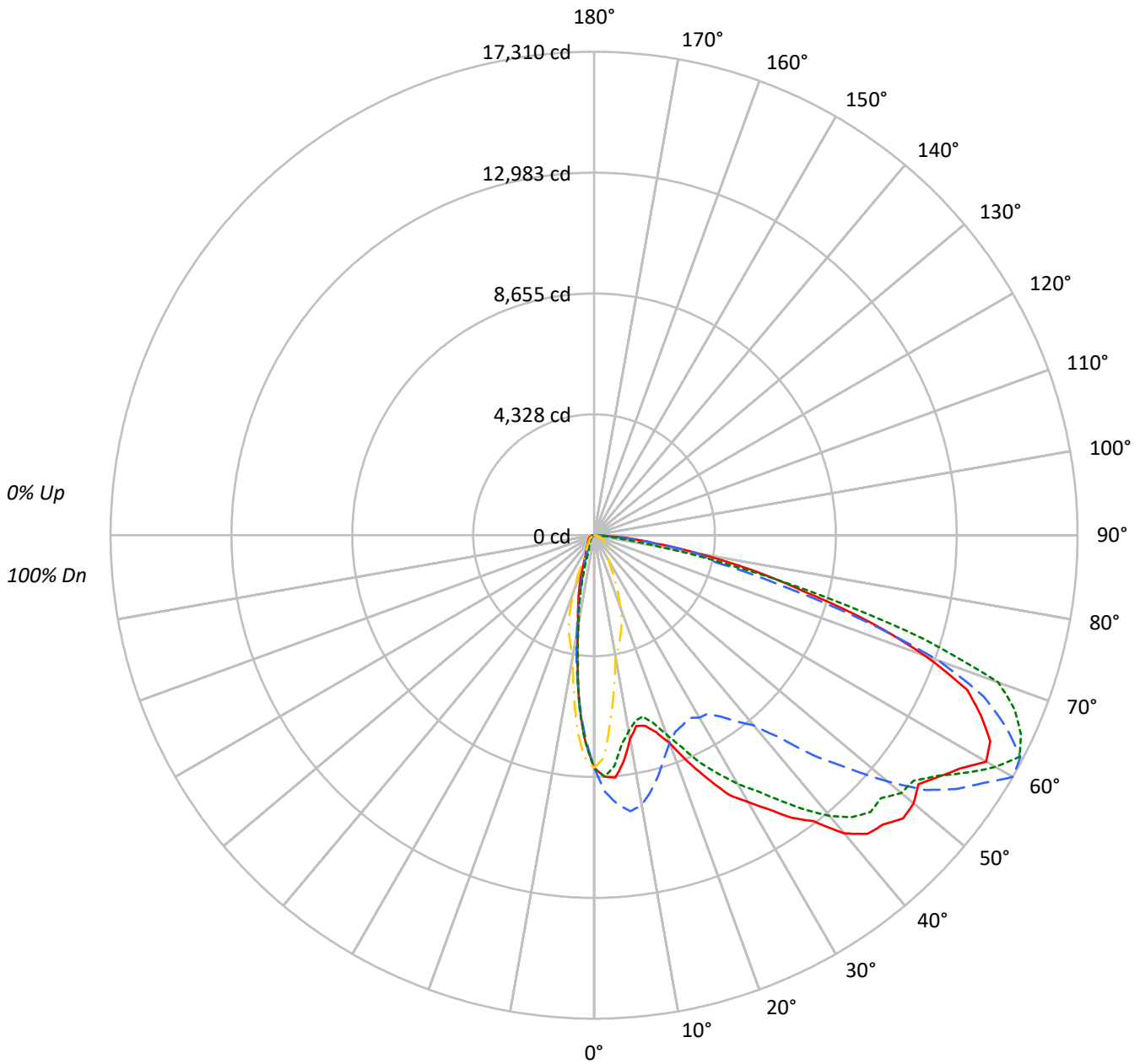
Lumens per Lamp: N/A
 Luminaire Lumens: 22138.3 lumens
 Efficiency: N/A
 Efficacy: 90.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 244.9
 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	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	59731	59731	59731	59731
5°	62770	59747	43649	43905
10°	53976	51908	23864	23305
15°	52484	49892	15504	11682
20°	60495	57967	8307	4153
25°	76064	71149	5383	3230
30°	91358	85137	4360	2645
35°	108187	101506	3573	2123
40°	130528	122886	3157	1606
45°	148608	142128	2940	1080
50°	166711	160244	2904	660
55°	188529	187863	2885	295
60°	232647	238162	2631	85
65°	259584	286287	2409	0
70°	264693	323115	2232	0
75°	215376	238325	2132	0
80°	156600	99675	2198	0
85°	101247	41859	2923	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	632.3	2.9
10°-20°	1240.0	5.6
20°-30°	1716.0	7.8
30°-40°	2425.1	11.0
40°-50°	3301.9	14.9
50°-60°	4373.1	19.8
60°-70°	5077.5	22.9
70°-80°	2875.4	13.0
80°-90°	496.8	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°	3588.4	16.2
0°-40°	6013.5	27.2
0°-60°	13688.5	61.8
0°-90°	22138.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22138.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	8324	8324	8324	8324	8324	
5°	8714	8294	6060	6095	8714	783
15°	7065	6716	2087	1572	7065	2072
25°	9607	8986	680	408	9607	4480
35°	12350	11587	408	242	12350	7785
45°	14644	14005	290	106	14644	11353
55°	15069	15016	231	24	15069	13653
65°	15288	16860	142	0	15288	14903
75°	7768	8596	77	0	7768	8478
85°	1230	508	36	0	1230	1477
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°	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8
2.5°	8649.0	8832.2	8838.2	8920.9	9003.7	9003.7	9198.8	9151.5	8980.0	8950.5	8826.3
5°	8714.0	8779.0	8826.3	9246.1	9600.8	9565.3	9671.7	9600.8	9269.7	8844.1	8554.4
7.5°	8152.4	8223.3	8412.5	9127.8	9606.7	9766.3	9967.3	9523.9	9175.1	8406.6	7850.9
10°	7407.5	7543.5	7892.3	8708.1	9299.3	9807.7	9807.7	9453.0	8779.0	8028.2	7348.4
12.5°	6993.7	7265.6	7454.8	8282.5	9051.0	9399.8	9388.0	9198.8	8761.3	7815.4	7046.9
15°	7064.6	7141.5	7543.5	8187.9	8696.3	8678.5	8891.4	8832.2	8524.8	8004.6	7159.2
17.5°	7389.8	7508.0	7856.8	8187.9	8430.2	8359.3	8353.4	8637.2	8654.9	8323.8	7578.9
20°	7921.8	8270.6	8436.2	8536.7	8241.1	7939.6	7904.1	8300.2	8607.6	8731.7	8081.4
22.5°	8773.1	9003.7	9340.7	8826.3	8057.8	7679.4	7608.5	8046.0	8666.7	9216.5	8731.7
25°	9606.7	9784.1	10109.2	9447.1	8264.7	7626.2	7502.1	7880.4	8891.4	9890.5	9518.0
27.5°	10487.6	10641.3	10676.7	9902.3	8377.0	7519.8	7372.0	7880.4	9080.5	10245.2	10458.0
30°	11025.5	11208.8	11244.3	10304.3	8560.3	7608.5	7537.6	7915.9	9210.6	10546.7	11131.9
32.5°	11628.5	11675.8	11646.3	10375.2	8761.3	7868.6	7573.0	8152.4	9358.4	10907.3	11746.8
35°	12349.8	12432.5	12131.0	10700.4	9210.6	8034.2	7927.7	8442.1	9612.6	11072.8	12491.7
37.5°	12899.6	13159.7	12479.8	10824.5	9299.3	8383.0	8400.7	9045.1	9790.0	11273.8	13313.4
40°	13934.1	13496.7	13071.0	11250.2	9636.3	8974.1	8879.5	9665.8	10387.1	11403.9	13851.4
42.5°	14501.7	14271.1	13301.6	11291.6	10156.5	9790.0	9813.6	10369.3	10700.4	11770.4	13999.2
45°	14643.6	14401.2	13614.9	11321.1	10670.8	10753.6	11161.5	11267.9	11161.5	12012.8	14277.0
47.5°	15004.2	14478.0	13579.4	11717.2	11504.4	11823.6	12343.9	12574.4	11788.2	11924.1	14407.1
50°	14933.2	14631.7	13502.6	11882.7	12521.2	13366.6	13715.4	13620.8	12485.8	11740.9	14265.2
52.5°	14637.7	14312.5	13739.1	12332.0	13473.0	14495.8	14980.5	14744.1	13106.5	12154.7	14170.6
55°	15069.2	14820.9	14046.5	12941.0	14188.4	15489.0	15831.8	15654.5	13869.1	12539.0	14708.6
57.5°	15536.2	15483.0	14880.0	13656.3	15033.7	16511.7	16511.7	16293.0	14531.2	13094.7	15506.7
60°	16210.2	16328.4	15494.9	14129.2	15323.4	16452.6	17309.8	17055.6	15199.3	14070.1	16411.2
62.5°	15991.5	16369.8	16287.0	15146.1	15654.5	16742.3	17209.3	17398.5	16026.9	15258.4	17617.2
65°	15287.9	15690.0	16281.1	15814.1	15406.2	16038.8	16275.2	16848.7	16440.8	16375.7	18113.8
67.5°	14448.5	14885.9	15252.5	16263.4	14903.7	15323.4	15116.5	15299.8	15991.5	17599.5	18397.6
70°	12615.8	13035.5	13614.9	15264.3	13573.5	13195.2	13142.0	13053.3	14129.2	17162.0	17108.8
72.5°	10375.2	10570.3	11528.0	12408.9	10044.2	9973.2	10056.0	9955.5	11202.9	15536.2	14655.4
75°	7768.1	7963.2	8507.1	9529.8	6840.0	6432.1	6905.0	7372.0	8554.4	12060.1	10528.9
77.5°	5840.9	6089.2	6432.1	7129.6	5019.1	4380.7	4445.7	4889.1	6183.8	9659.9	5900.0
80°	3789.5	3759.9	4422.0	4906.8	3777.6	3895.9	3730.4	4055.5	4481.2	5166.9	3015.0
82.5°	2187.4	2216.9	2494.8	2814.0	2630.8	3009.1	2169.6	3623.9	3198.3	2104.6	1123.2
85°	1229.7	1282.9	1537.1	1950.9	1649.4	1105.5	904.5	1797.2	2010.0	863.1	543.9
87.5°	124.1	106.4	206.9	739.0	449.3	183.3	271.9	431.6	484.8	325.1	159.6
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°	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8
2.5°	8649.0	8649.0	8501.2	8252.9	8152.4	7975.0	7732.7	7809.5	7726.7	7425.2	7348.4
5°	8294.3	8010.5	7703.1	7324.7	7106.0	6656.7	6514.8	6260.6	6302.0	6047.8	6059.6
7.5°	7555.3	7330.6	6810.4	6313.8	5882.3	5492.1	4942.3	4735.4	4534.4	4433.9	4552.1
10°	7123.7	6704.0	5994.6	5344.3	4770.8	4422.0	4055.5	3771.7	3511.6	3316.5	3275.1
12.5°	6810.4	6438.0	5580.8	4788.6	4339.3	4055.5	3718.5	3328.4	3074.1	2737.2	2636.7
15°	6715.8	6260.6	5356.1	4569.8	4132.4	3665.3	3281.1	2896.8	2565.7	2211.0	2086.9
17.5°	7041.0	6514.8	5350.2	4392.5	3777.6	3275.1	2743.1	2311.5	1974.5	1649.4	1572.5
20°	7590.8	6786.8	5521.6	4286.1	3440.7	2766.7	2163.7	1732.2	1353.8	1141.0	1087.8
22.5°	8217.4	7247.9	5539.4	4002.3	3103.7	2258.3	1578.5	1141.0	928.2	827.7	798.1
25°	8986.0	7986.9	5752.2	3771.7	2707.6	1714.4	1123.2	874.9	750.8	691.7	679.9
27.5°	9618.5	8501.2	5982.8	3529.4	2317.4	1271.0	880.9	715.3	650.3	591.2	585.3
30°	10274.7	9092.4	6047.8	3381.6	1980.5	1046.4	756.7	632.6	561.6	532.1	526.2
32.5°	10848.2	9736.8	6254.7	3139.2	1661.2	922.2	685.8	567.5	520.2	472.9	467.0
35°	11587.2	10109.2	6355.2	3009.1	1543.0	833.6	626.7	520.2	449.3	419.7	407.9
37.5°	12379.3	10469.8	6420.2	2908.6	1442.5	780.4	591.2	490.7	425.7	384.3	372.4
40°	13118.3	10978.2	6325.6	2784.5	1365.6	715.3	567.5	455.2	396.1	354.7	337.0
42.5°	13685.8	11474.8	6296.1	2666.2	1282.9	691.7	538.0	437.5	372.4	325.1	319.2
45°	14005.1	11811.8	6089.2	2571.6	1217.8	703.5	526.2	413.8	354.7	313.3	289.7
47.5°	13928.2	12071.9	6142.4	2542.1	1129.2	656.2	520.2	396.1	325.1	289.7	271.9
50°	14353.9	12598.1	6053.7	2447.5	1064.1	591.2	567.5	396.1	319.2	277.9	260.1
52.5°	14424.8	13076.9	6242.9	2276.0	963.6	543.9	561.6	390.2	307.4	266.0	242.4
55°	15016.0	13632.6	6609.4	2181.5	880.9	472.9	514.3	378.4	277.9	242.4	230.6
57.5°	15820.0	14785.4	6845.9	2092.8	768.5	413.8	431.6	372.4	254.2	224.6	206.9
60°	16594.5	15246.6	6863.6	1933.2	662.1	372.4	337.0	372.4	236.5	201.0	183.3
62.5°	17173.8	15246.6	6745.4	1797.2	579.4	331.1	295.6	354.7	212.8	177.4	165.5
65°	16860.5	14838.7	6438.0	1684.9	526.2	289.7	254.2	271.9	189.2	153.7	141.9
67.5°	16298.9	13567.6	5758.1	1548.9	520.2	254.2	218.7	201.0	165.5	136.0	124.1
70°	15400.3	11853.2	4794.5	1395.2	508.4	230.6	195.1	171.4	147.8	118.2	106.4
72.5°	12408.9	9790.0	3937.3	1306.5	496.6	201.0	165.5	147.8	124.1	100.5	88.7
75°	8595.8	6254.7	3032.8	1117.3	484.8	183.3	153.7	130.1	106.4	82.8	76.9
77.5°	5155.1	4179.7	1956.8	839.5	319.2	147.8	130.1	100.5	88.7	70.9	65.0
80°	2412.0	1974.5	792.2	325.1	153.7	106.4	88.7	76.9	70.9	59.1	53.2
82.5°	945.9	833.6	384.3	189.2	124.1	82.8	70.9	65.0	59.1	47.3	41.4
85°	508.4	449.3	183.3	130.1	88.7	59.1	59.1	53.2	47.3	41.4	35.5
87.5°	112.3	82.8	76.9	76.9	65.0	47.3	47.3	41.4	35.5	29.6	23.6
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°	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8
2.5°	7307.0	7395.7	7253.8	7342.5	7218.3	7312.9	7324.7	7236.1	7259.7	7377.9	7431.1
5°	6225.1	6166.0	6036.0	5994.6	6000.5	5923.6	5953.2	5994.6	6059.6	6095.1	6201.5
7.5°	4487.1	4623.0	4617.1	4717.6	4723.5	4711.7	4629.0	4451.6	4510.7	4463.4	4522.5
10°	3210.1	3269.2	3381.6	3446.6	3564.8	3499.8	3310.6	3239.7	3204.2	3198.3	3257.4
12.5°	2565.7	2423.8	2412.0	2435.7	2494.8	2417.9	2323.3	2240.6	2282.0	2364.7	2429.8
15°	1986.4	1868.1	1714.4	1690.8	1702.6	1667.1	1566.6	1460.2	1489.8	1572.5	1619.8
17.5°	1525.2	1389.3	1282.9	1211.9	1188.3	1064.1	916.3	827.7	804.0	798.1	839.5
20°	1028.7	1005.0	987.3	898.6	898.6	721.2	597.1	532.1	532.1	543.9	549.8
22.5°	768.5	739.0	744.9	727.2	679.9	538.0	472.9	455.2	455.2	467.0	467.0
25°	668.0	626.7	614.8	608.9	561.6	461.1	413.8	396.1	396.1	407.9	407.9
27.5°	567.5	555.7	538.0	514.3	472.9	396.1	366.5	348.8	354.7	360.6	354.7
30°	520.2	490.7	467.0	467.0	419.7	354.7	331.1	319.2	307.4	319.2	325.1
32.5°	461.1	443.4	431.6	413.8	360.6	313.3	289.7	277.9	271.9	271.9	277.9
35°	396.1	396.1	384.3	360.6	313.3	283.8	254.2	242.4	236.5	242.4	242.4
37.5°	354.7	337.0	342.9	319.2	277.9	248.3	218.7	206.9	206.9	201.0	206.9
40°	331.1	301.5	283.8	271.9	248.3	212.8	189.2	177.4	171.4	171.4	171.4
42.5°	295.6	271.9	236.5	230.6	224.6	183.3	153.7	147.8	141.9	136.0	136.0
45°	277.9	242.4	212.8	183.3	183.3	153.7	130.1	118.2	112.3	106.4	112.3
47.5°	254.2	218.7	183.3	153.7	147.8	124.1	100.5	88.7	82.8	82.8	82.8
50°	242.4	195.1	159.6	130.1	112.3	100.5	76.9	65.0	59.1	59.1	59.1
52.5°	224.6	183.3	141.9	112.3	88.7	76.9	59.1	47.3	41.4	41.4	41.4
55°	201.0	165.5	124.1	94.6	76.9	59.1	41.4	29.6	23.6	23.6	23.6
57.5°	189.2	147.8	106.4	82.8	59.1	41.4	23.6	17.7	17.7	11.8	17.7
60°	171.4	130.1	88.7	65.0	47.3	29.6	17.7	5.9	5.9	5.9	5.9
62.5°	147.8	112.3	76.9	53.2	35.5	17.7	5.9	0.0	0.0	0.0	0.0
65°	124.1	88.7	59.1	41.4	23.6	5.9	0.0	0.0	0.0	0.0	0.0
67.5°	106.4	76.9	47.3	29.6	17.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	94.6	65.0	35.5	23.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	76.9	53.2	29.6	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	65.0	41.4	17.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	53.2	29.6	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	41.4	23.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	35.5	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.7	5.9	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: P599439
 CATALOG NUMBER: IFLD-S-SA6B-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8	8323.8
2.5°	7508.0	7472.5	7649.9	7939.6	8087.4	8377.0	8448.0	8631.2	8584.0	8649.0
5°	6213.3	6284.3	6544.4	6970.0	7123.7	7543.5	7939.6	8335.7	8589.9	8714.0
7.5°	4611.2	4847.7	5166.9	5557.1	5953.2	6503.0	7176.9	7638.1	7886.4	8152.4
10°	3434.8	3689.0	4055.5	4439.8	5084.2	5699.0	6372.9	6946.4	7159.2	7407.5
12.5°	2701.7	3097.8	3523.4	3937.3	4321.5	4906.8	5740.4	6573.9	6804.5	6993.7
15°	1880.0	2364.7	2973.6	3511.6	4049.6	4558.0	5421.1	6432.1	6745.4	7064.6
17.5°	1040.5	1424.7	2122.3	2879.1	3671.2	4451.6	5527.5	6692.2	7165.1	7389.8
20°	603.0	756.7	1253.3	2151.9	3198.3	4221.0	5580.8	7182.9	7809.5	7921.8
22.5°	496.6	549.8	709.4	1347.9	2618.9	4073.2	5852.7	7868.6	8507.1	8773.1
25°	425.7	467.0	549.8	809.9	1980.5	3759.9	6024.1	8725.8	9317.0	9606.7
27.5°	378.4	419.7	484.8	597.1	1347.9	3328.4	6307.9	9500.3	10091.5	10487.6
30°	331.1	366.5	431.6	508.4	934.1	2843.6	6550.3	10067.8	10901.4	11025.5
32.5°	295.6	325.1	372.4	437.5	691.7	2157.8	6745.4	10653.1	11356.6	11628.5
35°	254.2	289.7	319.2	372.4	526.2	1625.7	6627.1	11108.3	12024.6	12349.8
37.5°	224.6	248.3	277.9	313.3	443.4	1271.0	6384.8	11652.2	12598.1	12899.6
40°	189.2	206.9	242.4	277.9	402.0	981.4	6106.9	12308.4	13402.1	13934.1
42.5°	159.6	177.4	201.0	260.1	331.1	727.2	5545.3	12816.8	14052.4	14501.7
45°	124.1	147.8	183.3	260.1	266.0	538.0	4965.9	13195.2	14418.9	14643.6
47.5°	94.6	118.2	177.4	224.6	212.8	372.4	4280.2	13626.7	14797.3	15004.2
50°	70.9	94.6	201.0	195.1	177.4	283.8	3848.6	13928.2	14820.9	14933.2
52.5°	47.3	70.9	165.5	147.8	147.8	248.3	3730.4	13916.4	14880.0	14637.7
55°	35.5	53.2	94.6	106.4	130.1	218.7	3623.9	14359.8	14897.8	15069.2
57.5°	23.6	41.4	65.0	82.8	112.3	189.2	3405.2	14891.9	15447.6	15536.2
60°	11.8	29.6	47.3	65.0	94.6	165.5	3097.8	15282.0	16115.6	16210.2
62.5°	5.9	17.7	35.5	53.2	76.9	130.1	2778.6	14661.3	15825.9	15991.5
65°	0.0	11.8	23.6	35.5	47.3	94.6	2258.3	13236.6	14679.0	15287.9
67.5°	0.0	0.0	11.8	23.6	29.6	70.9	1702.6	12042.4	13620.8	14448.5
70°	0.0	0.0	5.9	5.9	17.7	53.2	1087.8	9973.2	12160.6	12615.8
72.5°	0.0	0.0	0.0	0.0	5.9	35.5	632.6	7407.5	9529.8	10375.2
75°	0.0	0.0	0.0	0.0	0.0	29.6	319.2	4764.9	6633.1	7768.1
77.5°	0.0	0.0	0.0	0.0	0.0	23.6	171.4	3074.1	4889.1	5840.9
80°	0.0	0.0	0.0	0.0	0.0	5.9	100.5	1785.4	3127.3	3789.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	41.4	874.9	1868.1	2187.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	11.8	467.0	934.1	1229.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	65.0	124.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)