

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: P599518

Luminaire Tested: **IFLD-S-SA2D-750-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: P599518
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2D-750-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

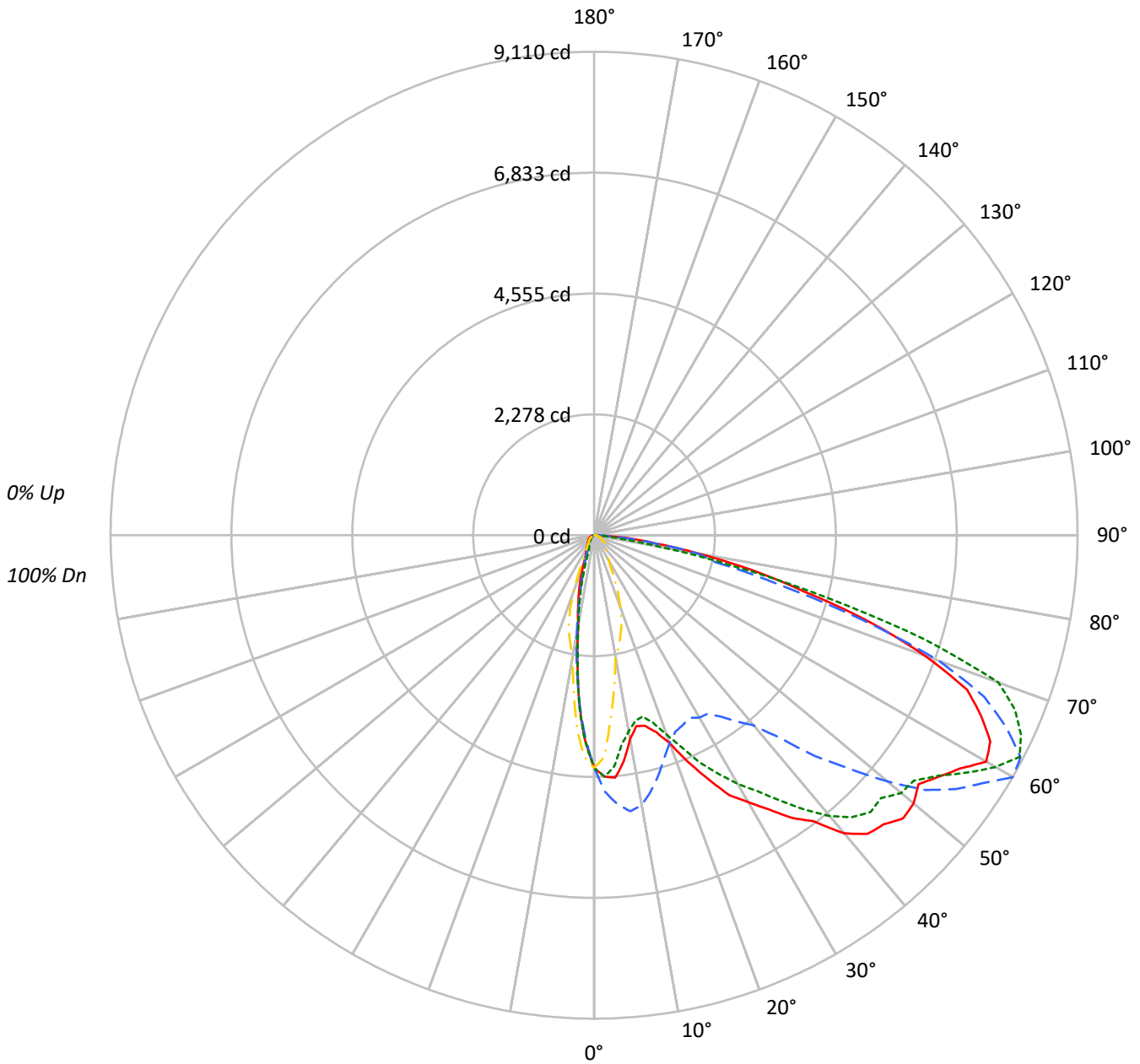
Lumens per Lamp: N/A
 Luminaire Lumens: 11651.7 lumens
 Efficiency: N/A
 Efficacy: 94.0 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 123.9
 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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	94313	94313	94313	94313
5°	99110	94337	68921	69323
10°	85225	81959	37682	36797
15°	82868	78777	24480	18447
20°	95519	91525	13116	6559
25°	120102	112341	8499	5100
30°	144250	134428	6883	4176
35°	170821	160272	5642	3353
40°	206099	194031	4985	2535
45°	234642	224413	4643	1705
50°	263229	253017	4585	1042
55°	297679	296628	4553	465
60°	367338	376044	4155	133
65°	409872	452034	3805	0
70°	417936	510180	3525	0
75°	340070	376302	3360	0
80°	247266	157385	3471	0
85°	159861	66098	4619	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	332.8	2.9
10°-20°	652.6	5.6
20°-30°	903.2	7.8
30°-40°	1276.4	11.0
40°-50°	1737.8	14.9
50°-60°	2301.6	19.8
60°-70°	2672.4	22.9
70°-80°	1513.4	13.0
80°-90°	261.5	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°	1888.6	16.2
0°-40°	3165.0	27.2
0°-60°	7204.5	61.8
0°-90°	11651.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11651.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4381	4381	4381	4381	4381	
5°	4586	4365	3189	3208	4586	412
15°	3718	3535	1098	828	3718	1091
25°	5056	4730	358	215	5056	2358
35°	6500	6098	215	128	6500	4098
45°	7707	7371	152	56	7707	5975
55°	7931	7903	121	12	7931	7186
65°	8046	8874	75	0	8046	7844
75°	4088	4524	40	0	4088	4462
85°	647	268	19	0	647	778
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°	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0
2.5°	4552.1	4648.6	4651.7	4695.2	4738.8	4738.8	4841.5	4816.6	4726.3	4710.8	4645.4
5°	4586.3	4620.6	4645.4	4866.4	5053.1	5034.4	5090.4	5053.1	4878.8	4654.8	4502.3
7.5°	4290.7	4328.1	4427.6	4804.1	5056.2	5140.2	5246.0	5012.6	4829.0	4424.5	4132.1
10°	3898.7	3970.3	4153.8	4583.2	4894.4	5162.0	5162.0	4975.3	4620.6	4225.4	3867.6
12.5°	3680.9	3824.0	3923.6	4359.2	4763.7	4947.3	4941.0	4841.5	4611.2	4113.4	3708.9
15°	3718.2	3758.7	3970.3	4309.4	4577.0	4567.7	4679.7	4648.6	4486.8	4213.0	3768.0
17.5°	3889.4	3951.6	4135.2	4309.4	4437.0	4399.6	4396.5	4545.9	4555.2	4381.0	3988.9
20°	4169.4	4353.0	4440.1	4493.0	4337.4	4178.7	4160.1	4368.5	4530.3	4595.7	4253.4
22.5°	4617.4	4738.8	4916.1	4645.4	4241.0	4041.8	4004.5	4234.7	4561.4	4850.8	4595.7
25°	5056.2	5149.5	5320.6	4972.2	4349.9	4013.8	3948.5	4147.6	4679.7	5205.5	5009.5
27.5°	5519.8	5600.7	5619.3	5211.7	4409.0	3957.8	3880.0	4147.6	4779.2	5392.2	5504.2
30°	5802.9	5899.4	5918.0	5423.3	4505.4	4004.5	3967.1	4166.3	4847.7	5550.9	5858.9
32.5°	6120.3	6145.2	6129.6	5460.7	4611.2	4141.4	3985.8	4290.7	4925.5	5740.7	6182.5
35°	6499.9	6543.5	6384.8	5631.8	4847.7	4228.5	4172.5	4443.2	5059.3	5827.8	6574.6
37.5°	6789.3	6926.2	6568.3	5697.1	4894.4	4412.1	4421.4	4760.6	5152.6	5933.6	7007.1
40°	7333.8	7103.5	6879.5	5921.2	5071.7	4723.2	4673.5	5087.3	5466.9	6002.1	7290.2
42.5°	7632.5	7511.1	7000.8	5942.9	5345.5	5152.6	5165.1	5457.5	5631.8	6195.0	7368.0
45°	7707.1	7579.6	7165.7	5958.5	5616.2	5659.8	5874.5	5930.5	5874.5	6322.5	7514.2
47.5°	7896.9	7620.0	7147.1	6167.0	6054.9	6223.0	6496.8	6618.1	6204.3	6275.9	7582.7
50°	7859.6	7700.9	7106.6	6254.1	6590.1	7035.1	7218.6	7168.9	6571.5	6179.4	7508.0
52.5°	7704.0	7532.9	7231.1	6490.6	7091.1	7629.4	7884.5	7760.0	6898.2	6397.2	7458.2
55°	7931.2	7800.5	7392.9	6811.0	7467.6	8152.1	8332.6	8239.2	7299.5	6599.5	7741.4
57.5°	8177.0	8149.0	7831.6	7187.5	7912.5	8690.4	8690.4	8575.3	7648.0	6891.9	8161.4
60°	8531.7	8593.9	8155.2	7436.4	8065.0	8659.3	9110.4	8976.6	7999.6	7405.3	8637.5
62.5°	8416.6	8615.7	8572.1	7971.6	8239.2	8811.7	9057.5	9157.1	8435.2	8030.7	9272.2
65°	8046.3	8257.9	8569.0	8323.2	8108.5	8441.5	8565.9	8867.7	8653.0	8618.8	9533.6
67.5°	7604.5	7834.7	8027.6	8559.7	7844.1	8065.0	7956.1	8052.5	8416.6	9262.9	9682.9
70°	6639.9	6860.8	7165.7	8033.9	7144.0	6944.8	6916.8	6870.2	7436.4	9032.6	9004.6
72.5°	5460.7	5563.3	6067.4	6531.0	5286.4	5249.1	5292.6	5239.7	5896.3	8177.0	7713.4
75°	4088.5	4191.2	4477.4	5015.7	3600.0	3385.3	3634.2	3880.0	4502.3	6347.4	5541.6
77.5°	3074.1	3204.8	3385.3	3752.5	2641.7	2305.6	2339.8	2573.2	3254.6	5084.2	3105.3
80°	1994.5	1978.9	2327.4	2582.5	1988.2	2050.5	1963.3	2134.5	2358.5	2719.4	1586.9
82.5°	1151.2	1166.8	1313.0	1481.1	1384.6	1583.7	1141.9	1907.3	1683.3	1107.7	591.2
85°	647.2	675.2	809.0	1026.8	868.1	581.8	476.1	945.9	1057.9	454.3	286.3
87.5°	65.3	56.0	108.9	388.9	236.5	96.5	143.1	227.1	255.1	171.1	84.0
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°	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0
2.5°	4552.1	4552.1	4474.3	4343.6	4290.7	4197.4	4069.8	4110.3	4066.7	3908.0	3867.6
5°	4365.4	4216.1	4054.3	3855.1	3740.0	3503.5	3428.9	3295.1	3316.8	3183.0	3189.3
7.5°	3976.5	3858.2	3584.4	3323.1	3095.9	2890.6	2601.2	2492.3	2386.5	2333.6	2395.8
10°	3749.3	3528.4	3155.0	2812.8	2511.0	2327.4	2134.5	1985.1	1848.2	1745.5	1723.8
12.5°	3584.4	3388.4	2937.2	2520.3	2283.8	2134.5	1957.1	1751.8	1618.0	1440.6	1387.7
15°	3534.6	3295.1	2819.0	2405.2	2174.9	1929.1	1726.9	1524.6	1350.4	1163.7	1098.4
17.5°	3705.8	3428.9	2815.9	2311.8	1988.2	1723.8	1443.7	1216.6	1039.2	868.1	827.7
20°	3995.1	3572.0	2906.1	2255.8	1810.9	1456.2	1138.8	911.7	712.5	600.5	572.5
22.5°	4325.0	3814.7	2915.5	2106.5	1633.5	1188.6	830.8	600.5	488.5	435.6	420.1
25°	4729.5	4203.6	3027.5	1985.1	1425.1	902.3	591.2	460.5	395.2	364.0	357.8
27.5°	5062.4	4474.3	3148.8	1857.6	1219.7	669.0	463.6	376.5	342.3	311.1	308.0
30°	5407.8	4785.5	3183.0	1779.8	1042.3	550.7	398.3	332.9	295.6	280.0	276.9
32.5°	5709.6	5124.6	3292.0	1652.2	874.3	485.4	360.9	298.7	273.8	248.9	245.8
35°	6098.5	5320.6	3344.8	1583.7	812.1	438.7	329.8	273.8	236.5	220.9	214.7
37.5°	6515.4	5510.4	3379.1	1530.9	759.2	410.7	311.1	258.3	224.0	202.2	196.0
40°	6904.4	5778.0	3329.3	1465.5	718.8	376.5	298.7	239.6	208.5	186.7	177.4
42.5°	7203.1	6039.4	3313.7	1403.3	675.2	364.0	283.1	230.2	196.0	171.1	168.0
45°	7371.1	6216.7	3204.8	1353.5	641.0	370.3	276.9	217.8	186.7	164.9	152.5
47.5°	7330.7	6353.7	3232.8	1337.9	594.3	345.4	273.8	208.5	171.1	152.5	143.1
50°	7554.7	6630.6	3186.2	1288.2	560.1	311.1	298.7	208.5	168.0	146.2	136.9
52.5°	7592.0	6882.6	3285.7	1197.9	507.2	286.3	295.6	205.4	161.8	140.0	127.6
55°	7903.2	7175.1	3478.6	1148.1	463.6	248.9	270.7	199.1	146.2	127.6	121.3
57.5°	8326.3	7781.8	3603.1	1101.5	404.5	217.8	227.1	196.0	133.8	118.2	108.9
60°	8733.9	8024.5	3612.4	1017.5	348.5	196.0	177.4	196.0	124.5	105.8	96.5
62.5°	9038.9	8024.5	3550.2	945.9	304.9	174.2	155.6	186.7	112.0	93.3	87.1
65°	8874.0	7809.8	3388.4	886.8	276.9	152.5	133.8	143.1	99.6	80.9	74.7
67.5°	8578.4	7140.9	3030.6	815.2	273.8	133.8	115.1	105.8	87.1	71.6	65.3
70°	8105.4	6238.5	2523.4	734.3	267.6	121.3	102.7	90.2	77.8	62.2	56.0
72.5°	6531.0	5152.6	2072.2	687.6	261.4	105.8	87.1	77.8	65.3	52.9	46.7
75°	4524.1	3292.0	1596.2	588.1	255.1	96.5	80.9	68.5	56.0	43.6	40.4
77.5°	2713.2	2199.8	1029.9	441.8	168.0	77.8	68.5	52.9	46.7	37.3	34.2
80°	1269.5	1039.2	416.9	171.1	80.9	56.0	46.7	40.4	37.3	31.1	28.0
82.5°	497.8	438.7	202.2	99.6	65.3	43.6	37.3	34.2	31.1	24.9	21.8
85°	267.6	236.5	96.5	68.5	46.7	31.1	31.1	28.0	24.9	21.8	18.7
87.5°	59.1	43.6	40.4	40.4	34.2	24.9	24.9	21.8	18.7	15.6	12.4
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°	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0
2.5°	3845.8	3892.5	3817.8	3864.5	3799.1	3848.9	3855.1	3808.5	3820.9	3883.1	3911.1
5°	3276.4	3245.3	3176.8	3155.0	3158.2	3117.7	3133.3	3155.0	3189.3	3207.9	3263.9
7.5°	2361.6	2433.2	2430.1	2483.0	2486.1	2479.9	2436.3	2342.9	2374.1	2349.2	2380.3
10°	1689.5	1720.7	1779.8	1814.0	1876.2	1842.0	1742.4	1705.1	1686.4	1683.3	1714.4
12.5°	1350.4	1275.7	1269.5	1281.9	1313.0	1272.6	1222.8	1179.3	1201.0	1244.6	1278.8
15°	1045.5	983.2	902.3	889.9	896.1	877.4	824.5	768.5	784.1	827.7	852.5
17.5°	802.8	731.2	675.2	637.9	625.4	560.1	482.3	435.6	423.2	420.1	441.8
20°	541.4	529.0	519.6	472.9	472.9	379.6	314.3	280.0	280.0	286.3	289.4
22.5°	404.5	388.9	392.0	382.7	357.8	283.1	248.9	239.6	239.6	245.8	245.8
25°	351.6	329.8	323.6	320.5	295.6	242.7	217.8	208.5	208.5	214.7	214.7
27.5°	298.7	292.5	283.1	270.7	248.9	208.5	192.9	183.6	186.7	189.8	186.7
30°	273.8	258.3	245.8	245.8	220.9	186.7	174.2	168.0	161.8	168.0	171.1
32.5°	242.7	233.4	227.1	217.8	189.8	164.9	152.5	146.2	143.1	143.1	146.2
35°	208.5	208.5	202.2	189.8	164.9	149.4	133.8	127.6	124.5	127.6	127.6
37.5°	186.7	177.4	180.5	168.0	146.2	130.7	115.1	108.9	108.9	105.8	108.9
40°	174.2	158.7	149.4	143.1	130.7	112.0	99.6	93.3	90.2	90.2	90.2
42.5°	155.6	143.1	124.5	121.3	118.2	96.5	80.9	77.8	74.7	71.6	71.6
45°	146.2	127.6	112.0	96.5	96.5	80.9	68.5	62.2	59.1	56.0	59.1
47.5°	133.8	115.1	96.5	80.9	77.8	65.3	52.9	46.7	43.6	43.6	43.6
50°	127.6	102.7	84.0	68.5	59.1	52.9	40.4	34.2	31.1	31.1	31.1
52.5°	118.2	96.5	74.7	59.1	46.7	40.4	31.1	24.9	21.8	21.8	21.8
55°	105.8	87.1	65.3	49.8	40.4	31.1	21.8	15.6	12.4	12.4	12.4
57.5°	99.6	77.8	56.0	43.6	31.1	21.8	12.4	9.3	9.3	6.2	9.3
60°	90.2	68.5	46.7	34.2	24.9	15.6	9.3	3.1	3.1	3.1	3.1
62.5°	77.8	59.1	40.4	28.0	18.7	9.3	3.1	0.0	0.0	0.0	0.0
65°	65.3	46.7	31.1	21.8	12.4	3.1	0.0	0.0	0.0	0.0	0.0
67.5°	56.0	40.4	24.9	15.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	49.8	34.2	18.7	12.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	40.4	28.0	15.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	34.2	21.8	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	28.0	15.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	21.8	12.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.3	3.1	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: P599518
 CATALOG NUMBER: IFLD-S-SA2D-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0	4381.0
2.5°	3951.6	3932.9	4026.3	4178.7	4256.5	4409.0	4446.3	4542.8	4517.9	4552.1
5°	3270.2	3307.5	3444.4	3668.4	3749.3	3970.3	4178.7	4387.2	4521.0	4586.3
7.5°	2427.0	2551.4	2719.4	2924.8	3133.3	3422.6	3777.3	4020.0	4150.7	4290.7
10°	1807.8	1941.6	2134.5	2336.7	2675.9	2999.5	3354.2	3656.0	3768.0	3898.7
12.5°	1421.9	1630.4	1854.4	2072.2	2274.5	2582.5	3021.3	3460.0	3581.3	3680.9
15°	989.5	1244.6	1565.1	1848.2	2131.4	2399.0	2853.2	3385.3	3550.2	3718.2
17.5°	547.6	749.9	1117.0	1515.3	1932.2	2342.9	2909.2	3522.2	3771.1	3889.4
20°	317.4	398.3	659.6	1132.6	1683.3	2221.6	2937.2	3780.5	4110.3	4169.4
22.5°	261.4	289.4	373.4	709.4	1378.4	2143.8	3080.4	4141.4	4477.4	4617.4
25°	224.0	245.8	289.4	426.3	1042.3	1978.9	3170.6	4592.6	4903.7	5056.2
27.5°	199.1	220.9	255.1	314.3	709.4	1751.8	3320.0	5000.2	5311.3	5519.8
30°	174.2	192.9	227.1	267.6	491.6	1496.6	3447.5	5298.9	5737.6	5802.9
32.5°	155.6	171.1	196.0	230.2	364.0	1135.7	3550.2	5606.9	5977.2	6120.3
35°	133.8	152.5	168.0	196.0	276.9	855.7	3488.0	5846.5	6328.8	6499.9
37.5°	118.2	130.7	146.2	164.9	233.4	669.0	3360.4	6132.7	6630.6	6789.3
40°	99.6	108.9	127.6	146.2	211.6	516.5	3214.2	6478.1	7053.7	7333.8
42.5°	84.0	93.3	105.8	136.9	174.2	382.7	2918.6	6745.7	7396.0	7632.5
45°	65.3	77.8	96.5	136.9	140.0	283.1	2613.6	6944.8	7588.9	7707.1
47.5°	49.8	62.2	93.3	118.2	112.0	196.0	2252.7	7172.0	7788.0	7896.9
50°	37.3	49.8	105.8	102.7	93.3	149.4	2025.6	7330.7	7800.5	7859.6
52.5°	24.9	37.3	87.1	77.8	77.8	130.7	1963.3	7324.4	7831.6	7704.0
55°	18.7	28.0	49.8	56.0	68.5	115.1	1907.3	7557.8	7840.9	7931.2
57.5°	12.4	21.8	34.2	43.6	59.1	99.6	1792.2	7837.8	8130.3	8177.0
60°	6.2	15.6	24.9	34.2	49.8	87.1	1630.4	8043.2	8481.9	8531.7
62.5°	3.1	9.3	18.7	28.0	40.4	68.5	1462.4	7716.5	8329.4	8416.6
65°	0.0	6.2	12.4	18.7	24.9	49.8	1188.6	6966.6	7725.8	8046.3
67.5°	0.0	0.0	6.2	12.4	15.6	37.3	896.1	6338.1	7168.9	7604.5
70°	0.0	0.0	3.1	3.1	9.3	28.0	572.5	5249.1	6400.3	6639.9
72.5°	0.0	0.0	0.0	0.0	3.1	18.7	332.9	3898.7	5015.7	5460.7
75°	0.0	0.0	0.0	0.0	0.0	15.6	168.0	2507.9	3491.1	4088.5
77.5°	0.0	0.0	0.0	0.0	0.0	12.4	90.2	1618.0	2573.2	3074.1
80°	0.0	0.0	0.0	0.0	0.0	3.1	52.9	939.7	1646.0	1994.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	21.8	460.5	983.2	1151.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.2	245.8	491.6	647.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	34.2	65.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)