

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: P599521

Luminaire Tested: **IFLD-S-SA3B-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: P599521
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-750-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (48) 5000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

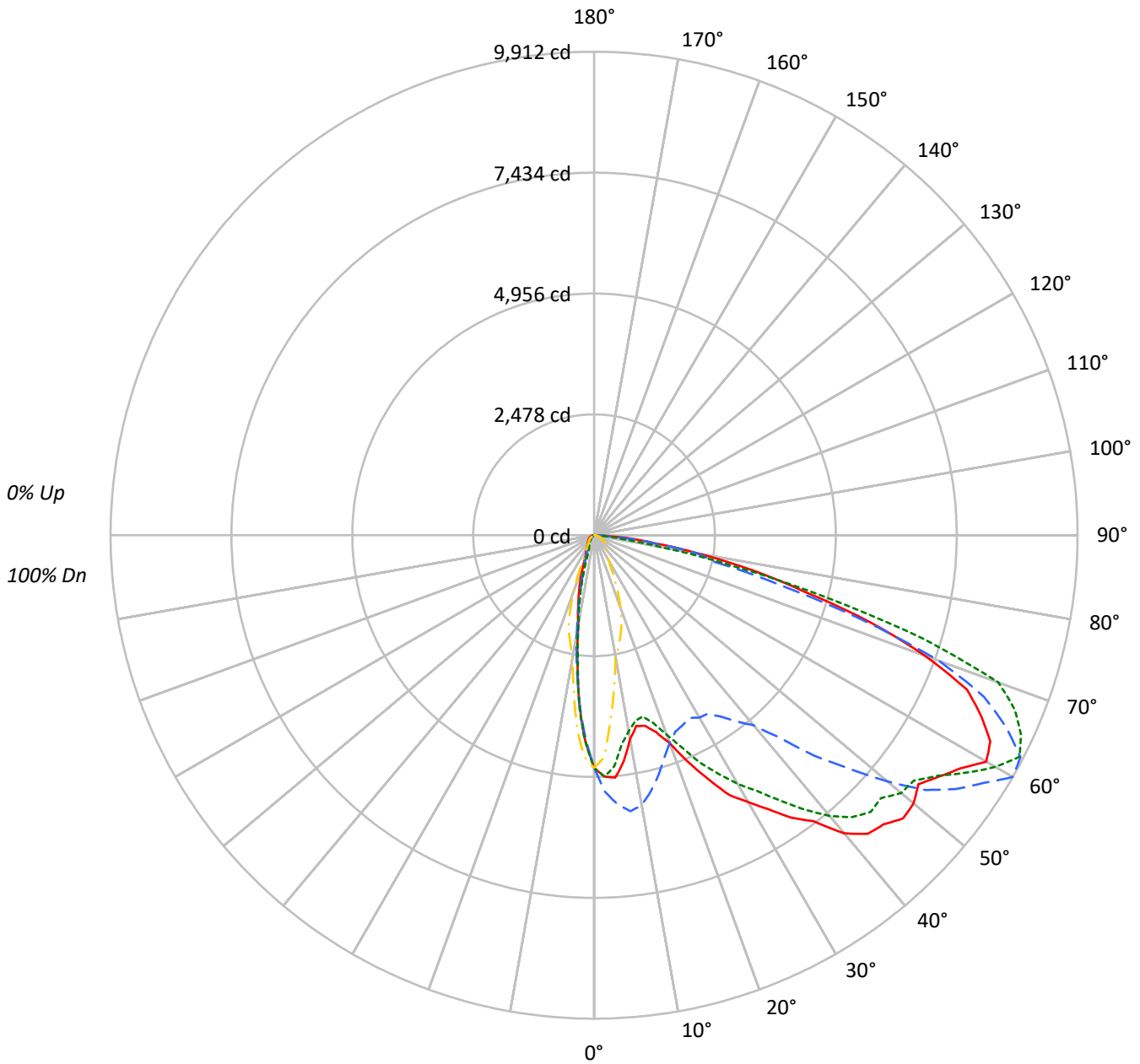
Lumens per Lamp: N/A
 Luminaire Lumens: 12677.1 lumens
 Efficiency: N/A
 Efficacy: 103.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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

TEST NUMBER: P599521
CATALOG NUMBER: IFLD-S-SA3B-750-U-SLL-HSS

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	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°	68408	68408	68408	68408
5°	71888	68426	49990	50284
10°	61817	59449	27332	26691
15°	60107	57140	17756	13380
20°	69283	66387	9514	4756
25°	87113	81485	6165	3699
30°	104630	97505	4993	3029
35°	123903	116251	4093	2432
40°	149491	140738	3616	1840
45°	170195	162775	3367	1236
50°	190930	183521	3327	757
55°	215915	215155	3303	338
60°	266443	272760	3011	98
65°	297295	327875	2758	0
70°	303143	370051	2555	0
75°	246665	272943	2440	0
80°	179349	114155	2521	0
85°	115944	47935	3343	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	362.1	2.9
10°-20°	710.1	5.6
20°-30°	982.6	7.8
30°-40°	1388.7	11.0
40°-50°	1890.8	14.9
50°-60°	2504.2	19.8
60°-70°	2907.6	22.9
70°-80°	1646.6	13.0
80°-90°	284.5	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°	2054.8	16.2
0°-40°	3443.5	27.2
0°-60°	7838.5	61.8
0°-90°	12677.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12677.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4766	4766	4766	4766	4766	
5°	4990	4750	3470	3490	4990	448
15°	4045	3846	1195	900	4045	1187
25°	5501	5146	389	234	5501	2566
35°	7072	6635	234	139	7072	4458
45°	8385	8020	166	61	8385	6501
55°	8629	8599	132	14	8629	7818
65°	8754	9655	81	0	8754	8534
75°	4448	4922	44	0	4448	4855
85°	704	291	20	0	704	846
90°	0	0	0	0	0	

TEST NUMBER: P599521
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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5
2.5°	4952.7	5057.7	5061.0	5108.4	5155.8	5155.8	5267.5	5240.5	5142.3	5125.4	5054.3
5°	4989.9	5027.2	5054.3	5294.6	5497.7	5477.4	5538.4	5497.7	5308.2	5064.4	4898.5
7.5°	4668.3	4709.0	4817.3	5226.9	5501.1	5592.5	5707.6	5453.7	5254.0	4813.9	4495.7
10°	4241.8	4319.7	4519.4	4986.6	5325.1	5616.2	5616.2	5413.1	5027.2	4597.2	4207.9
12.5°	4004.8	4160.5	4268.9	4742.8	5182.9	5382.6	5375.9	5267.5	5017.0	4475.4	4035.3
15°	4045.4	4089.5	4319.7	4688.7	4979.8	4969.6	5091.5	5057.7	4881.6	4583.7	4099.6
17.5°	4231.6	4299.3	4499.1	4688.7	4827.4	4786.8	4783.4	4945.9	4956.1	4766.5	4340.0
20°	4536.3	4736.0	4830.8	4888.4	4719.1	4546.5	4526.2	4753.0	4929.0	5000.1	4627.7
22.5°	5023.8	5155.8	5348.8	5054.3	4614.2	4397.5	4356.9	4607.4	4962.9	5277.7	5000.1
25°	5501.1	5602.7	5788.9	5409.7	4732.7	4367.0	4296.0	4512.6	5091.5	5663.6	5450.3
27.5°	6005.5	6093.6	6113.9	5670.4	4797.0	4306.1	4221.5	4512.6	5199.8	5866.7	5988.6
30°	6313.6	6418.5	6438.9	5900.6	4901.9	4356.9	4316.3	4532.9	5274.3	6039.4	6374.5
32.5°	6658.9	6686.0	6669.1	5941.2	5017.0	4505.8	4336.6	4668.3	5358.9	6245.9	6726.6
35°	7071.9	7119.3	6946.7	6127.4	5274.3	4600.6	4539.7	4834.2	5504.5	6340.7	7153.2
37.5°	7386.7	7535.7	7146.4	6198.5	5325.1	4800.4	4810.5	5179.5	5606.1	6455.8	7623.7
40°	7979.2	7728.7	7484.9	6442.2	5518.1	5138.9	5084.7	5535.0	5948.0	6530.3	7931.8
42.5°	8304.2	8172.1	7616.9	6465.9	5816.0	5606.1	5619.6	5937.8	6127.4	6740.1	8016.4
45°	8385.4	8246.6	7796.4	6482.9	6110.5	6157.9	6391.5	6452.4	6391.5	6878.9	8175.5
47.5°	8591.9	8290.6	7776.1	6709.7	6587.8	6770.6	7068.5	7200.5	6750.3	6828.2	8250.0
50°	8551.3	8378.6	7732.0	6804.5	7170.1	7654.2	7853.9	7799.7	7149.8	6723.2	8168.7
52.5°	8382.0	8195.8	7867.5	7061.8	7715.1	8300.8	8578.4	8443.0	7505.2	6960.2	8114.6
55°	8629.1	8487.0	8043.5	7410.4	8124.7	8869.5	9065.9	8964.3	7941.9	7180.2	8422.6
57.5°	8896.6	8866.1	8520.8	7820.1	8608.8	9455.2	9455.2	9329.9	8321.1	7498.5	8879.7
60°	9282.5	9350.2	8872.9	8090.9	8774.7	9421.3	9912.2	9766.6	8703.6	8057.0	9397.6
62.5°	9157.3	9373.9	9326.5	8673.2	8964.3	9587.2	9854.6	9963.0	9177.6	8737.5	10088.2
65°	8754.4	8984.6	9323.1	9055.7	8822.1	9184.3	9319.8	9648.1	9414.5	9377.3	10372.6
67.5°	8273.7	8524.2	8734.1	9313.0	8534.4	8774.7	8656.2	8761.2	9157.3	10078.1	10535.1
70°	7224.2	7464.6	7796.4	8740.9	7772.7	7556.0	7525.5	7474.8	8090.9	9827.5	9797.1
72.5°	5941.2	6052.9	6601.4	7105.8	5751.6	5711.0	5758.4	5700.9	6415.2	8896.6	8392.2
75°	4448.3	4560.0	4871.5	5457.1	3916.8	3683.2	3954.0	4221.5	4898.5	6906.0	6029.2
77.5°	3344.7	3486.9	3683.2	4082.7	2874.1	2508.5	2545.8	2799.6	3541.0	5531.6	3378.5
80°	2170.0	2153.1	2532.2	2809.8	2163.2	2230.9	2136.1	2322.3	2566.1	2958.8	1726.5
82.5°	1252.6	1269.5	1428.6	1611.4	1506.5	1723.1	1242.4	2075.2	1831.5	1205.2	643.2
85°	704.1	734.6	880.2	1117.2	944.5	633.1	518.0	1029.1	1151.0	494.3	311.4
87.5°	71.1	60.9	118.5	423.2	257.3	104.9	155.7	247.1	277.6	186.2	91.4
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: P599521
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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5
2.5°	4952.7	4952.7	4868.1	4725.9	4668.3	4566.8	4428.0	4472.0	4424.6	4251.9	4207.9
5°	4749.6	4587.1	4411.1	4194.4	4069.1	3811.9	3730.6	3585.0	3608.7	3463.2	3469.9
7.5°	4326.4	4197.8	3899.9	3615.5	3368.4	3145.0	2830.1	2711.6	2596.5	2539.0	2606.7
10°	4079.3	3838.9	3432.7	3060.3	2731.9	2532.2	2322.3	2159.8	2010.9	1899.2	1875.5
12.5°	3899.9	3686.6	3195.7	2742.1	2484.8	2322.3	2129.4	1905.9	1760.4	1567.4	1509.8
15°	3845.7	3585.0	3067.1	2616.8	2366.3	2098.9	1878.8	1658.8	1469.2	1266.1	1195.0
17.5°	4031.9	3730.6	3063.7	2515.3	2163.2	1875.5	1570.8	1323.7	1130.7	944.5	900.5
20°	4346.7	3886.3	3161.9	2454.3	1970.2	1584.3	1239.0	991.9	775.2	653.4	622.9
22.5°	4705.6	4150.4	3172.0	2291.9	1777.3	1293.2	903.9	653.4	531.5	473.9	457.0
25°	5145.7	4573.6	3293.9	2159.8	1550.5	981.7	643.2	501.0	429.9	396.1	389.3
27.5°	5507.9	4868.1	3425.9	2021.0	1327.0	727.8	504.4	409.6	372.4	338.5	335.1
30°	5883.7	5206.6	3463.2	1936.4	1134.1	599.2	433.3	362.2	321.6	304.7	301.3
32.5°	6212.0	5575.6	3581.7	1797.6	951.3	528.1	392.7	325.0	297.9	270.8	267.4
35°	6635.2	5788.9	3639.2	1723.1	883.6	477.3	358.8	297.9	257.3	240.4	233.6
37.5°	7088.8	5995.4	3676.4	1665.6	826.0	446.9	338.5	281.0	243.7	220.0	213.3
40°	7512.0	6286.5	3622.3	1594.5	782.0	409.6	325.0	260.7	226.8	203.1	193.0
42.5°	7837.0	6570.9	3605.4	1526.8	734.6	396.1	308.1	250.5	213.3	186.2	182.8
45°	8019.8	6763.8	3486.9	1472.6	697.4	402.9	301.3	237.0	203.1	179.4	165.9
47.5°	7975.8	6912.8	3517.3	1455.7	646.6	375.8	297.9	226.8	186.2	165.9	155.7
50°	8219.5	7214.1	3466.6	1401.5	609.4	338.5	325.0	226.8	182.8	159.1	149.0
52.5°	8260.2	7488.3	3574.9	1303.3	551.8	311.4	321.6	223.4	176.0	152.3	138.8
55°	8598.7	7806.5	3784.8	1249.2	504.4	270.8	294.5	216.7	159.1	138.8	132.0
57.5°	9059.1	8466.7	3920.2	1198.4	440.1	237.0	247.1	213.3	145.6	128.6	118.5
60°	9502.6	8730.7	3930.3	1107.0	379.2	213.3	193.0	213.3	135.4	115.1	104.9
62.5°	9834.3	8730.7	3862.6	1029.1	331.8	189.6	169.3	203.1	121.9	101.6	94.8
65°	9654.9	8497.1	3686.6	964.8	301.3	165.9	145.6	155.7	108.3	88.0	81.2
67.5°	9333.3	7769.3	3297.3	887.0	297.9	145.6	125.3	115.1	94.8	77.9	71.1
70°	8818.7	6787.5	2745.5	798.9	291.1	132.0	111.7	98.2	84.6	67.7	60.9
72.5°	7105.8	5606.1	2254.6	748.2	284.4	115.1	94.8	84.6	71.1	57.6	50.8
75°	4922.2	3581.7	1736.7	639.8	277.6	104.9	88.0	74.5	60.9	47.4	44.0
77.5°	2952.0	2393.4	1120.5	480.7	182.8	84.6	74.5	57.6	50.8	40.6	37.2
80°	1381.2	1130.7	453.6	186.2	88.0	60.9	50.8	44.0	40.6	33.9	30.5
82.5°	541.6	477.3	220.0	108.3	71.1	47.4	40.6	37.2	33.9	27.1	23.7
85°	291.1	257.3	104.9	74.5	50.8	33.9	33.9	30.5	27.1	23.7	20.3
87.5°	64.3	47.4	44.0	44.0	37.2	27.1	27.1	23.7	20.3	16.9	13.5
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°	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5
2.5°	4184.2	4235.0	4153.8	4204.6	4133.5	4187.6	4194.4	4143.6	4157.2	4224.9	4255.3
5°	3564.7	3530.9	3456.4	3432.7	3436.1	3392.1	3409.0	3432.7	3469.9	3490.3	3551.2
7.5°	2569.4	2647.3	2643.9	2701.5	2704.9	2698.1	2650.7	2549.1	2583.0	2555.9	2589.8
10°	1838.2	1872.1	1936.4	1973.6	2041.3	2004.1	1895.8	1855.1	1834.8	1831.5	1865.3
12.5°	1469.2	1388.0	1381.2	1394.7	1428.6	1384.6	1330.4	1283.0	1306.7	1354.1	1391.4
15°	1137.5	1069.8	981.7	968.2	975.0	954.7	897.1	836.2	853.1	900.5	927.6
17.5°	873.4	795.5	734.6	694.0	680.4	609.4	524.7	473.9	460.4	457.0	480.7
20°	589.0	575.5	565.3	514.6	514.6	413.0	341.9	304.7	304.7	311.4	314.8
22.5°	440.1	423.2	426.5	416.4	389.3	308.1	270.8	260.7	260.7	267.4	267.4
25°	382.5	358.8	352.1	348.7	321.6	264.1	237.0	226.8	226.8	233.6	233.6
27.5°	325.0	318.2	308.1	294.5	270.8	226.8	209.9	199.7	203.1	206.5	203.1
30°	297.9	281.0	267.4	267.4	240.4	203.1	189.6	182.8	176.0	182.8	186.2
32.5°	264.1	253.9	247.1	237.0	206.5	179.4	165.9	159.1	155.7	155.7	159.1
35°	226.8	226.8	220.0	206.5	179.4	162.5	145.6	138.8	135.4	138.8	138.8
37.5°	203.1	193.0	196.3	182.8	159.1	142.2	125.3	118.5	118.5	115.1	118.5
40°	189.6	172.7	162.5	155.7	142.2	121.9	108.3	101.6	98.2	98.2	98.2
42.5°	169.3	155.7	135.4	132.0	128.6	104.9	88.0	84.6	81.2	77.9	77.9
45°	159.1	138.8	121.9	104.9	104.9	88.0	74.5	67.7	64.3	60.9	64.3
47.5°	145.6	125.3	104.9	88.0	84.6	71.1	57.6	50.8	47.4	47.4	47.4
50°	138.8	111.7	91.4	74.5	64.3	57.6	44.0	37.2	33.9	33.9	33.9
52.5°	128.6	104.9	81.2	64.3	50.8	44.0	33.9	27.1	23.7	23.7	23.7
55°	115.1	94.8	71.1	54.2	44.0	33.9	23.7	16.9	13.5	13.5	13.5
57.5°	108.3	84.6	60.9	47.4	33.9	23.7	13.5	10.2	10.2	6.8	10.2
60°	98.2	74.5	50.8	37.2	27.1	16.9	10.2	3.4	3.4	3.4	3.4
62.5°	84.6	64.3	44.0	30.5	20.3	10.2	3.4	0.0	0.0	0.0	0.0
65°	71.1	50.8	33.9	23.7	13.5	3.4	0.0	0.0	0.0	0.0	0.0
67.5°	60.9	44.0	27.1	16.9	10.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	54.2	37.2	20.3	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	44.0	30.5	16.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	37.2	23.7	10.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	30.5	16.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	23.7	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.3	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	3.4	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: P599521
 CATALOG NUMBER: IFLD-S-SA3B-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5	4766.5
2.5°	4299.3	4279.0	4380.6	4546.5	4631.1	4797.0	4837.6	4942.5	4915.5	4952.7
5°	3558.0	3598.6	3747.5	3991.3	4079.3	4319.7	4546.5	4773.3	4918.9	4989.9
7.5°	2640.5	2776.0	2958.8	3182.2	3409.0	3723.8	4109.8	4373.8	4516.0	4668.3
10°	1966.9	2112.4	2322.3	2542.4	2911.4	3263.4	3649.4	3977.7	4099.6	4241.8
12.5°	1547.1	1773.9	2017.6	2254.6	2474.7	2809.8	3287.1	3764.5	3896.5	4004.8
15°	1076.5	1354.1	1702.8	2010.9	2318.9	2610.1	3104.3	3683.2	3862.6	4045.4
17.5°	595.8	815.9	1215.3	1648.6	2102.3	2549.1	3165.3	3832.2	4103.0	4231.6
20°	345.3	433.3	717.7	1232.3	1831.5	2417.1	3195.7	4113.1	4472.0	4536.3
22.5°	284.4	314.8	406.2	771.9	1499.7	2332.5	3351.5	4505.8	4871.5	5023.8
25°	243.7	267.4	314.8	463.8	1134.1	2153.1	3449.6	4996.7	5335.2	5501.1
27.5°	216.7	240.4	277.6	341.9	771.9	1905.9	3612.1	5440.2	5778.7	6005.5
30°	189.6	209.9	247.1	291.1	534.9	1628.3	3750.9	5765.2	6242.5	6313.6
32.5°	169.3	186.2	213.3	250.5	396.1	1235.6	3862.6	6100.3	6503.2	6658.9
35°	145.6	165.9	182.8	213.3	301.3	931.0	3794.9	6361.0	6885.7	7071.9
37.5°	128.6	142.2	159.1	179.4	253.9	727.8	3656.1	6672.4	7214.1	7386.7
40°	108.3	118.5	138.8	159.1	230.2	562.0	3497.0	7048.2	7674.5	7979.2
42.5°	91.4	101.6	115.1	149.0	189.6	416.4	3175.4	7339.3	8046.9	8304.2
45°	71.1	84.6	104.9	149.0	152.3	308.1	2843.7	7556.0	8256.8	8385.4
47.5°	54.2	67.7	101.6	128.6	121.9	213.3	2451.0	7803.1	8473.4	8591.9
50°	40.6	54.2	115.1	111.7	101.6	162.5	2203.8	7975.8	8487.0	8551.3
52.5°	27.1	40.6	94.8	84.6	84.6	142.2	2136.1	7969.0	8520.8	8382.0
55°	20.3	30.5	54.2	60.9	74.5	125.3	2075.2	8222.9	8531.0	8629.1
57.5°	13.5	23.7	37.2	47.4	64.3	108.3	1949.9	8527.6	8845.8	8896.6
60°	6.8	16.9	27.1	37.2	54.2	94.8	1773.9	8751.0	9228.3	9282.5
62.5°	3.4	10.2	20.3	30.5	44.0	74.5	1591.1	8395.6	9062.5	9157.3
65°	0.0	6.8	13.5	20.3	27.1	54.2	1293.2	7579.7	8405.7	8754.4
67.5°	0.0	0.0	6.8	13.5	16.9	40.6	975.0	6895.9	7799.7	8273.7
70°	0.0	0.0	3.4	3.4	10.2	30.5	622.9	5711.0	6963.6	7224.2
72.5°	0.0	0.0	0.0	0.0	3.4	20.3	362.2	4241.8	5457.1	5941.2
75°	0.0	0.0	0.0	0.0	0.0	16.9	182.8	2728.6	3798.3	4448.3
77.5°	0.0	0.0	0.0	0.0	0.0	13.5	98.2	1760.4	2799.6	3344.7
80°	0.0	0.0	0.0	0.0	0.0	3.4	57.6	1022.4	1790.8	2170.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	23.7	501.0	1069.8	1252.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.8	267.4	534.9	704.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	37.2	71.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)