

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: P599522

Luminaire Tested: **IFLD-S-SA3C-750-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



Cooper Lighting Solutions laboratories have been accredited by National Voluntary Laboratory Accreditation Program (NVLAP) that it adheres to the requirements of ISO/IEC 17025:2005 and appropriate IESNA test methods. This report must not be used to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the Federal Government. Results contained in this report are valid for luminaire sample tested, as supplied by requestor. Information related to the luminaire tested has been supplied by requestor and can affect the validity of the test results. Report shall not be reproduced except in full without approval of Cooper Lighting Solutions Lighting Laboratory. Test performed at address noted above.

Test Information

Test Method: LM-79-08
 Report Number: P599522
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3C-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

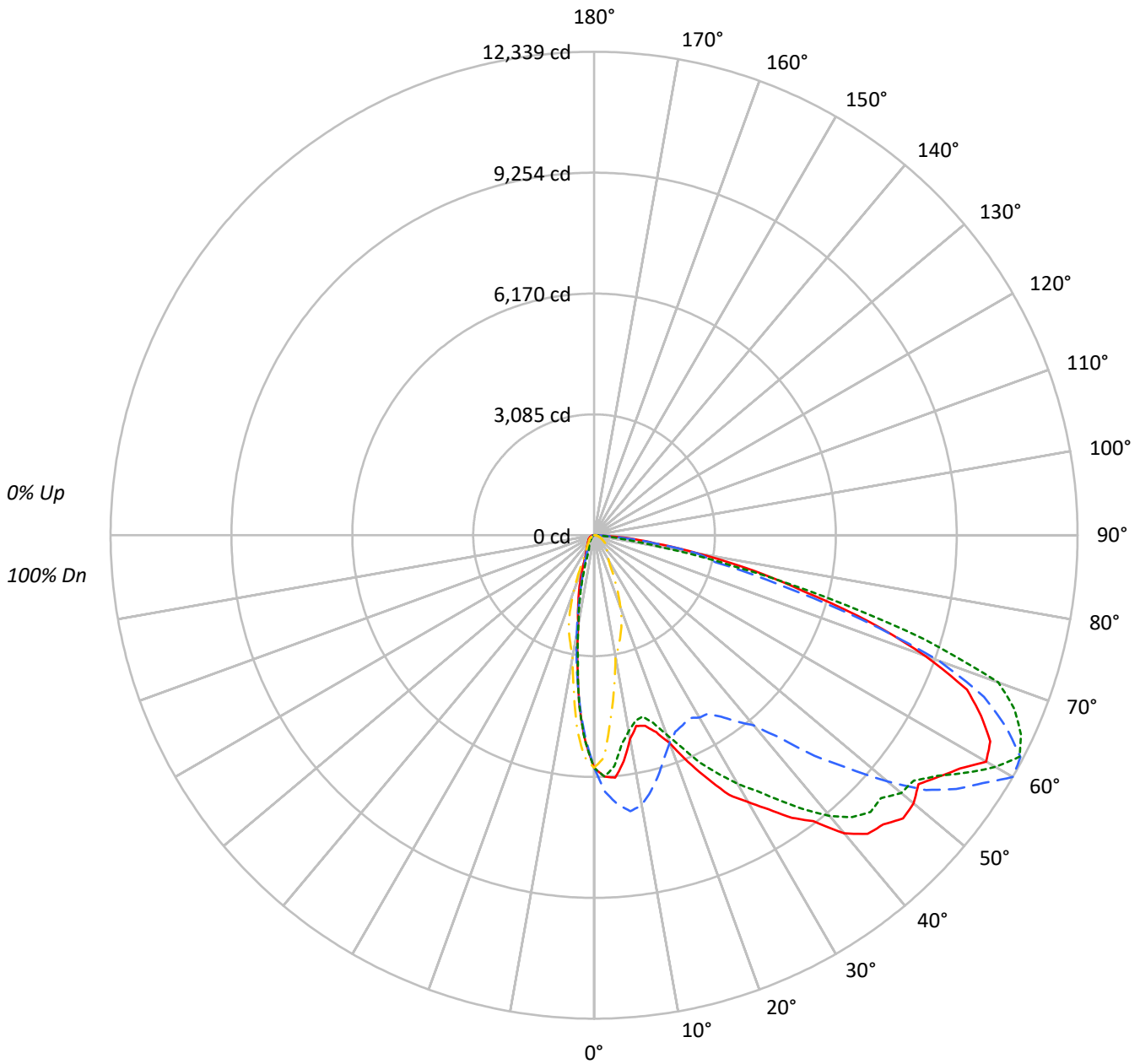
Lumens per Lamp: N/A
 Luminaire Lumens: 15781.0 lumens
 Efficiency: N/A
 Efficacy: 98.1 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 160.8
 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: P599522
CATALOG NUMBER: IFLD-S-SA3C-750-U-SLL-HSS

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - · - 135°-315°

TEST NUMBER: P599522
 CATALOG NUMBER: IFLD-S-SA3C-750-U-SLL-HSS

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°	85157	85157	85157	85157
5°	89490	85180	62230	62594
10°	76951	74005	34023	33226
15°	74824	71131	22103	16656
20°	86246	82642	11843	5921
25°	108442	101435	7674	4605
30°	130247	121378	6216	3772
35°	154239	144713	5095	3028
40°	186092	175195	4500	2289
45°	211866	202627	4191	1541
50°	237677	228456	4140	940
55°	268781	267833	4114	423
60°	331678	339540	3749	121
65°	370083	408152	3433	0
70°	377365	460656	3185	0
75°	307057	339773	3039	0
80°	223260	142107	3132	0
85°	144333	59676	4166	0

TEST NUMBER: P599522
 CATALOG NUMBER: IFLD-S-SA3C-750-U-SLL-HSS

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	450.8	2.9
10°-20°	883.9	5.6
20°-30°	1223.2	7.8
30°-40°	1728.7	11.0
40°-50°	2353.7	14.9
50°-60°	3117.3	19.8
60°-70°	3619.4	22.9
70°-80°	2049.7	13.0
80°-90°	354.2	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°	2557.9	16.2
0°-40°	4286.7	27.2
0°-60°	9757.7	61.8
0°-90°	15781.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15781.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5934	5934	5934	5934	5934	
5°	6212	5912	4320	4345	6212	558
15°	5036	4787	1488	1121	5036	1477
25°	6848	6406	485	291	6848	3194
35°	8803	8260	291	173	8803	5550
45°	10438	9983	206	76	10438	8093
55°	10742	10704	164	17	10742	9732
65°	10898	12019	101	0	10898	10623
75°	5537	6127	55	0	5537	6043
85°	876	362	25	0	876	1053
90°	0	0	0	0	0	

TEST NUMBER: P599522
 CATALOG NUMBER: IFLD-S-SA3C-750-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	6165.3	6296.0	6300.2	6359.2	6418.2	6418.2	6557.2	6523.5	6401.3	6380.2	6291.7
5°	6211.7	6258.0	6291.7	6590.9	6843.8	6818.5	6894.4	6843.8	6607.8	6304.4	6097.9
7.5°	5811.3	5861.9	5996.7	6506.7	6848.0	6961.8	7105.1	6789.0	6540.4	5992.5	5596.4
10°	5280.3	5377.3	5625.9	6207.5	6628.9	6991.3	6991.3	6738.4	6258.0	5722.8	5238.2
12.5°	4985.3	5179.2	5314.1	5904.0	6451.9	6700.5	6692.1	6557.2	6245.4	5571.1	5023.3
15°	5035.9	5090.7	5377.3	5836.6	6199.0	6186.4	6338.1	6296.0	6076.8	5706.0	5103.3
17.5°	5267.7	5352.0	5600.6	5836.6	6009.4	5958.8	5954.6	6156.9	6169.5	5933.5	5402.5
20°	5647.0	5895.6	6013.6	6085.2	5874.5	5659.6	5634.3	5916.7	6135.8	6224.3	5760.8
22.5°	6253.8	6418.2	6658.4	6291.7	5743.9	5474.2	5423.6	5735.5	6178.0	6569.9	6224.3
25°	6848.0	6974.4	7206.2	6734.2	5891.4	5436.3	5347.8	5617.5	6338.1	7050.3	6784.8
27.5°	7475.9	7585.5	7610.8	7058.7	5971.5	5360.4	5255.1	5617.5	6472.9	7303.1	7454.8
30°	7859.4	7990.0	8015.3	7345.3	6102.1	5423.6	5373.0	5642.8	6565.7	7518.1	7935.3
32.5°	8289.2	8323.0	8301.9	7395.8	6245.4	5609.0	5398.3	5811.3	6671.0	7775.1	8373.5
35°	8803.4	8862.4	8647.4	7627.6	6565.7	5727.0	5651.2	6017.8	6852.2	7893.1	8904.5
37.5°	9195.3	9380.7	8896.1	7716.1	6628.9	5975.7	5988.3	6447.7	6978.6	8036.4	9490.3
40°	9932.8	9620.9	9317.5	8019.5	6869.1	6397.1	6329.7	6890.1	7404.3	8129.1	9873.8
42.5°	10337.3	10173.0	9481.9	8049.0	7239.9	6978.6	6995.5	7391.6	7627.6	8390.4	9979.1
45°	10438.5	10265.7	9705.2	8070.1	7606.6	7665.6	7956.3	8032.2	7956.3	8563.2	10177.2
47.5°	10695.5	10320.5	9679.9	8352.5	8200.7	8428.3	8799.2	8963.5	8403.0	8500.0	10269.9
50°	10645.0	10430.0	9625.1	8470.5	8925.6	9528.2	9776.8	9709.4	8900.3	8369.3	10168.8
52.5°	10434.3	10202.5	9793.7	8790.7	9604.1	10333.1	10678.7	10510.1	9342.8	8664.3	10101.3
55°	10741.9	10564.9	10012.8	9224.8	10114.0	11041.1	11285.5	11159.1	9886.4	8938.2	10484.8
57.5°	11074.8	11036.9	10607.0	9734.7	10716.6	11770.1	11770.1	11614.2	10358.4	9334.4	11053.7
60°	11555.2	11639.5	11045.3	10071.8	10923.1	11728.0	12339.1	12157.8	10834.6	10029.7	11698.5
62.5°	11399.3	11669.0	11610.0	10796.7	11159.1	11934.5	12267.4	12402.3	11424.6	10876.7	12558.2
65°	10897.8	11184.4	11605.8	11272.9	10982.1	11433.0	11601.6	12010.3	11719.6	11673.2	12912.2
67.5°	10299.4	10611.2	10872.5	11593.1	10623.9	10923.1	10775.6	10906.2	11399.3	12545.5	13114.5
70°	8993.0	9292.2	9705.2	10881.0	9675.7	9406.0	9368.1	9304.9	10071.8	12233.7	12195.8
72.5°	7395.8	7534.9	8217.6	8845.5	7159.9	7109.3	7168.3	7096.6	7985.8	11074.8	10446.9
75°	5537.4	5676.5	6064.2	6793.2	4875.8	4585.0	4922.1	5255.1	6097.9	8596.9	7505.4
77.5°	4163.6	4340.6	4585.0	5082.3	3577.8	3122.7	3169.0	3485.1	4408.0	6885.9	4205.7
80°	2701.3	2680.2	3152.2	3497.8	2692.8	2777.1	2659.1	2890.9	3194.3	3683.2	2149.2
82.5°	1559.2	1580.3	1778.4	2005.9	1875.3	2145.0	1546.6	2583.3	2279.9	1500.2	800.7
85°	876.5	914.5	1095.7	1390.7	1175.7	788.0	644.8	1281.1	1432.8	615.3	387.7
87.5°	88.5	75.9	147.5	526.8	320.3	130.6	193.9	307.6	345.6	231.8	113.8
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: P599522
 CATALOG NUMBER: IFLD-S-SA3C-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	6165.3	6165.3	6060.0	5883.0	5811.3	5684.9	5512.1	5566.9	5507.9	5293.0	5238.2
5°	5912.5	5710.2	5491.0	5221.3	5065.4	4745.1	4644.0	4462.8	4492.3	4311.1	4319.5
7.5°	5385.7	5225.6	4854.7	4500.7	4193.1	3915.0	3523.0	3375.5	3232.3	3160.6	3244.9
10°	5078.1	4778.9	4273.2	3809.6	3400.8	3152.2	2890.9	2688.6	2503.2	2364.1	2334.6
12.5°	4854.7	4589.2	3978.2	3413.5	3093.2	2890.9	2650.7	2372.6	2191.4	1951.2	1879.5
15°	4787.3	4462.8	3818.0	3257.5	2945.7	2612.8	2338.9	2064.9	1828.9	1576.1	1487.6
17.5°	5019.1	4644.0	3813.8	3131.1	2692.8	2334.6	1955.4	1647.7	1407.5	1175.7	1121.0
20°	5411.0	4837.9	3936.0	3055.3	2452.6	1972.2	1542.4	1234.7	965.0	813.3	775.4
22.5°	5857.7	5166.6	3948.7	2853.0	2212.4	1609.8	1125.2	813.3	661.6	590.0	568.9
25°	6405.5	5693.3	4100.4	2688.6	1930.1	1222.1	800.7	623.7	535.2	493.1	484.6
27.5°	6856.4	6060.0	4264.7	2515.9	1651.9	906.0	627.9	509.9	463.6	421.4	417.2
30°	7324.2	6481.4	4311.1	2410.5	1411.7	745.9	539.4	450.9	400.3	379.3	375.1
32.5°	7733.0	6940.7	4458.6	2237.7	1184.2	657.4	488.8	404.6	370.8	337.1	332.9
35°	8259.7	7206.2	4530.2	2145.0	1099.9	594.2	446.7	370.8	320.3	299.2	290.8
37.5°	8824.4	7463.3	4576.6	2073.4	1028.3	556.3	421.4	349.8	303.4	273.9	265.5
40°	9351.2	7825.7	4509.1	1984.9	973.5	509.9	404.6	324.5	282.3	252.8	240.2
42.5°	9755.8	8179.7	4488.1	1900.6	914.5	493.1	383.5	311.8	265.5	231.8	227.6
45°	9983.3	8419.9	4340.6	1833.2	868.1	501.5	375.1	295.0	252.8	223.4	206.5
47.5°	9928.6	8605.3	4378.5	1812.1	804.9	467.8	370.8	282.3	231.8	206.5	193.9
50°	10232.0	8980.4	4315.3	1744.7	758.5	421.4	404.6	282.3	227.6	198.1	185.4
52.5°	10282.5	9321.7	4450.1	1622.5	686.9	387.7	400.3	278.1	219.1	189.6	172.8
55°	10704.0	9717.8	4711.4	1555.0	627.9	337.1	366.6	269.7	198.1	172.8	164.4
57.5°	11277.1	10539.6	4880.0	1491.8	547.8	295.0	307.6	265.5	181.2	160.1	147.5
60°	11829.1	10868.3	4892.6	1378.0	472.0	265.5	240.2	265.5	168.6	143.3	130.6
62.5°	12242.1	10868.3	4808.4	1281.1	413.0	236.0	210.7	252.8	151.7	126.4	118.0
65°	12018.8	10577.5	4589.2	1201.0	375.1	206.5	181.2	193.9	134.9	109.6	101.1
67.5°	11618.4	9671.5	4104.6	1104.1	370.8	181.2	155.9	143.3	118.0	96.9	88.5
70°	10977.9	8449.4	3417.7	994.5	362.4	164.4	139.1	122.2	105.4	84.3	75.9
72.5°	8845.5	6978.6	2806.6	931.3	354.0	143.3	118.0	105.4	88.5	71.6	63.2
75°	6127.4	4458.6	2161.9	796.5	345.6	130.6	109.6	92.7	75.9	59.0	54.8
77.5°	3674.7	2979.4	1394.9	598.4	227.6	105.4	92.7	71.6	63.2	50.6	46.4
80°	1719.4	1407.5	564.7	231.8	109.6	75.9	63.2	54.8	50.6	42.1	37.9
82.5°	674.3	594.2	273.9	134.9	88.5	59.0	50.6	46.4	42.1	33.7	29.5
85°	362.4	320.3	130.6	92.7	63.2	42.1	42.1	37.9	33.7	29.5	25.3
87.5°	80.1	59.0	54.8	54.8	46.4	33.7	33.7	29.5	25.3	21.1	16.9
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: P599522
 CATALOG NUMBER: IFLD-S-SA3C-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	5208.7	5271.9	5170.8	5234.0	5145.5	5212.9	5221.3	5158.1	5175.0	5259.3	5297.2
5°	4437.5	4395.4	4302.7	4273.2	4277.4	4222.6	4243.7	4273.2	4319.5	4344.8	4420.7
7.5°	3198.5	3295.5	3291.3	3362.9	3367.1	3358.7	3299.7	3173.3	3215.4	3181.7	3223.8
10°	2288.3	2330.4	2410.5	2456.9	2541.1	2494.8	2359.9	2309.4	2284.1	2279.9	2322.0
12.5°	1828.9	1727.8	1719.4	1736.2	1778.4	1723.6	1656.2	1597.2	1626.7	1685.7	1732.0
15°	1416.0	1331.7	1222.1	1205.2	1213.7	1188.4	1116.8	1040.9	1062.0	1121.0	1154.7
17.5°	1087.3	990.3	914.5	863.9	847.0	758.5	653.2	590.0	573.1	568.9	598.4
20°	733.3	716.4	703.8	640.6	640.6	514.1	425.6	379.3	379.3	387.7	391.9
22.5°	547.8	526.8	531.0	518.3	484.6	383.5	337.1	324.5	324.5	332.9	332.9
25°	476.2	446.7	438.3	434.1	400.3	328.7	295.0	282.3	282.3	290.8	290.8
27.5°	404.6	396.1	383.5	366.6	337.1	282.3	261.3	248.6	252.8	257.1	252.8
30°	370.8	349.8	332.9	332.9	299.2	252.8	236.0	227.6	219.1	227.6	231.8
32.5°	328.7	316.1	307.6	295.0	257.1	223.4	206.5	198.1	193.9	193.9	198.1
35°	282.3	282.3	273.9	257.1	223.4	202.3	181.2	172.8	168.6	172.8	172.8
37.5°	252.8	240.2	244.4	227.6	198.1	177.0	155.9	147.5	147.5	143.3	147.5
40°	236.0	214.9	202.3	193.9	177.0	151.7	134.9	126.4	122.2	122.2	122.2
42.5°	210.7	193.9	168.6	164.4	160.1	130.6	109.6	105.4	101.1	96.9	96.9
45°	198.1	172.8	151.7	130.6	130.6	109.6	92.7	84.3	80.1	75.9	80.1
47.5°	181.2	155.9	130.6	109.6	105.4	88.5	71.6	63.2	59.0	59.0	59.0
50°	172.8	139.1	113.8	92.7	80.1	71.6	54.8	46.4	42.1	42.1	42.1
52.5°	160.1	130.6	101.1	80.1	63.2	54.8	42.1	33.7	29.5	29.5	29.5
55°	143.3	118.0	88.5	67.4	54.8	42.1	29.5	21.1	16.9	16.9	16.9
57.5°	134.9	105.4	75.9	59.0	42.1	29.5	16.9	12.6	12.6	8.4	12.6
60°	122.2	92.7	63.2	46.4	33.7	21.1	12.6	4.2	4.2	4.2	4.2
62.5°	105.4	80.1	54.8	37.9	25.3	12.6	4.2	0.0	0.0	0.0	0.0
65°	88.5	63.2	42.1	29.5	16.9	4.2	0.0	0.0	0.0	0.0	0.0
67.5°	75.9	54.8	33.7	21.1	12.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	67.4	46.4	25.3	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	54.8	37.9	21.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	46.4	29.5	12.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	37.9	21.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	29.5	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	25.3	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.6	4.2	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: P599522
 CATALOG NUMBER: IFLD-S-SA3C-750-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5	5933.5
2.5°	5352.0	5326.7	5453.1	5659.6	5765.0	5971.5	6022.0	6152.7	6119.0	6165.3
5°	4429.1	4479.6	4665.1	4968.5	5078.1	5377.3	5659.6	5942.0	6123.2	6211.7
7.5°	3287.0	3455.6	3683.2	3961.3	4243.7	4635.6	5116.0	5444.7	5621.7	5811.3
10°	2448.4	2629.6	2890.9	3164.8	3624.2	4062.4	4542.9	4951.6	5103.3	5280.3
12.5°	1925.9	2208.2	2511.6	2806.6	3080.5	3497.8	4091.9	4686.1	4850.5	4985.3
15°	1340.1	1685.7	2119.7	2503.2	2886.7	3249.1	3864.4	4585.0	4808.4	5035.9
17.5°	741.7	1015.6	1512.9	2052.3	2617.0	3173.3	3940.2	4770.4	5107.6	5267.7
20°	429.8	539.4	893.4	1534.0	2279.9	3008.9	3978.2	5120.2	5566.9	5647.0
22.5°	354.0	391.9	505.7	960.8	1866.9	2903.6	4172.0	5609.0	6064.2	6253.8
25°	303.4	332.9	391.9	577.3	1411.7	2680.2	4294.2	6220.1	6641.5	6848.0
27.5°	269.7	299.2	345.6	425.6	960.8	2372.6	4496.5	6772.1	7193.6	7475.9
30°	236.0	261.3	307.6	362.4	665.8	2027.0	4669.3	7176.7	7770.9	7859.4
32.5°	210.7	231.8	265.5	311.8	493.1	1538.2	4808.4	7593.9	8095.4	8289.2
35°	181.2	206.5	227.6	265.5	375.1	1158.9	4724.1	7918.4	8571.6	8803.4
37.5°	160.1	177.0	198.1	223.4	316.1	906.0	4551.3	8306.1	8980.4	9195.3
40°	134.9	147.5	172.8	198.1	286.6	699.6	4353.2	8773.9	9553.5	9932.8
42.5°	113.8	126.4	143.3	185.4	236.0	518.3	3952.9	9136.3	10017.1	10337.3
45°	88.5	105.4	130.6	185.4	189.6	383.5	3539.9	9406.0	10278.3	10438.5
47.5°	67.4	84.3	126.4	160.1	151.7	265.5	3051.0	9713.6	10548.0	10695.5
50°	50.6	67.4	143.3	139.1	126.4	202.3	2743.4	9928.6	10564.9	10645.0
52.5°	33.7	50.6	118.0	105.4	105.4	177.0	2659.1	9920.1	10607.0	10434.3
55°	25.3	37.9	67.4	75.9	92.7	155.9	2583.3	10236.2	10619.7	10741.9
57.5°	16.9	29.5	46.4	59.0	80.1	134.9	2427.4	10615.5	11011.6	11074.8
60°	8.4	21.1	33.7	46.4	67.4	118.0	2208.2	10893.6	11487.8	11555.2
62.5°	4.2	12.6	25.3	37.9	54.8	92.7	1980.7	10451.1	11281.3	11399.3
65°	0.0	8.4	16.9	25.3	33.7	67.4	1609.8	9435.5	10463.8	10897.8
67.5°	0.0	0.0	8.4	16.9	21.1	50.6	1213.7	8584.2	9709.4	10299.4
70°	0.0	0.0	4.2	4.2	12.6	37.9	775.4	7109.3	8668.5	8993.0
72.5°	0.0	0.0	0.0	0.0	4.2	25.3	450.9	5280.3	6793.2	7395.8
75°	0.0	0.0	0.0	0.0	0.0	21.1	227.6	3396.6	4728.3	5537.4
77.5°	0.0	0.0	0.0	0.0	0.0	16.9	122.2	2191.4	3485.1	4163.6
80°	0.0	0.0	0.0	0.0	0.0	4.2	71.6	1272.7	2229.3	2701.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	29.5	623.7	1331.7	1559.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.4	332.9	665.8	876.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	46.4	88.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)