

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: P599462

Luminaire Tested: **IFLD-S-SA3A-735-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: P599462
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (48) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

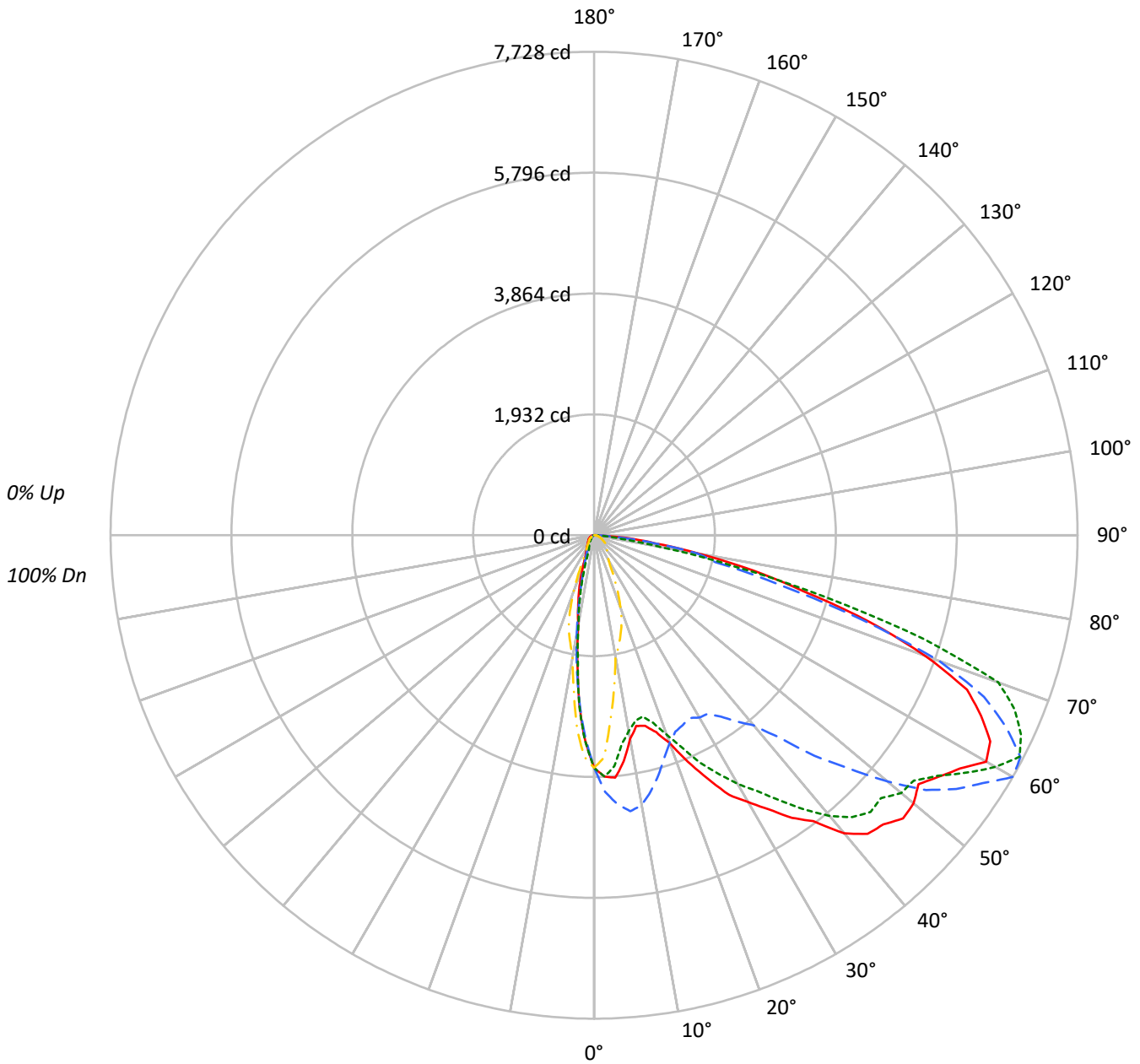
Lumens per Lamp: N/A
 Luminaire Lumens: 9883.6 lumens
 Efficiency: N/A
 Efficacy: 104.3 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	53334	53334	53334	53334
5°	56048	53348	38974	39202
10°	48195	46349	21309	20809
15°	46863	44549	13843	10432
20°	54016	51759	7417	3708
25°	67917	63529	4806	2884
30°	81573	76018	3893	2362
35°	96599	90635	3190	1896
40°	116549	109724	2818	1433
45°	132691	126905	2624	964
50°	148856	143082	2592	589
55°	168336	167743	2575	265
60°	207729	212655	2348	75
65°	231783	255623	2150	0
70°	236343	288506	1993	0
75°	192311	212800	1902	0
80°	139826	88997	1967	0
85°	90404	37380	2602	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	282.3	2.9
10°-20°	553.6	5.6
20°-30°	766.1	7.8
30°-40°	1082.7	11.0
40°-50°	1474.1	14.9
50°-60°	1952.4	19.8
60°-70°	2266.8	22.9
70°-80°	1283.7	13.0
80°-90°	221.8	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°	1602.0	16.2
0°-40°	2684.7	27.2
0°-60°	6111.2	61.8
0°-90°	9883.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9883.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3716	3716	3716	3716	3716	
5°	3890	3703	2705	2721	3890	349
15°	3154	2998	932	702	3154	925
25°	4289	4012	304	182	4289	2000
35°	5514	5173	182	108	5514	3476
45°	6538	6252	129	48	6538	5069
55°	6728	6704	103	11	6728	6095
65°	6825	7527	63	0	6825	6653
75°	3468	3838	34	0	3468	3785
85°	549	227	16	0	549	660
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°	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2
2.5°	3861.3	3943.1	3945.8	3982.7	4019.7	4019.7	4106.8	4085.7	4009.1	3995.9	3940.5
5°	3890.4	3919.4	3940.5	4127.9	4286.3	4270.4	4317.9	4286.3	4138.5	3948.4	3819.1
7.5°	3639.6	3671.3	3755.8	4075.1	4288.9	4360.2	4449.9	4251.9	4096.2	3753.1	3505.0
10°	3307.1	3367.8	3523.5	3887.7	4151.6	4378.6	4378.6	4220.3	3919.4	3584.2	3280.7
12.5°	3122.3	3243.7	3328.2	3697.7	4040.8	4196.5	4191.2	4106.8	3911.5	3489.2	3146.1
15°	3154.0	3188.3	3367.8	3655.5	3882.4	3874.5	3969.5	3943.1	3805.9	3573.6	3196.2
17.5°	3299.1	3351.9	3507.7	3655.5	3763.7	3732.0	3729.4	3856.0	3864.0	3716.2	3383.6
20°	3536.7	3692.4	3766.3	3811.2	3679.2	3544.6	3528.8	3705.6	3842.8	3898.3	3607.9
22.5°	3916.7	4019.7	4170.1	3940.5	3597.4	3428.5	3396.8	3592.1	3869.2	4114.7	3898.3
25°	4288.9	4368.1	4513.2	4217.6	3689.8	3404.7	3349.3	3518.2	3969.5	4415.6	4249.3
27.5°	4682.2	4750.8	4766.6	4420.9	3739.9	3357.2	3291.2	3518.2	4054.0	4573.9	4669.0
30°	4922.3	5004.1	5020.0	4600.3	3821.7	3396.8	3365.1	3534.0	4112.1	4708.5	4969.8
32.5°	5191.5	5212.7	5199.5	4632.0	3911.5	3512.9	3381.0	3639.6	4178.0	4869.5	5244.3
35°	5513.5	5550.5	5415.9	4777.2	4112.1	3586.8	3539.3	3768.9	4291.5	4943.4	5576.9
37.5°	5759.0	5875.1	5571.6	4832.6	4151.6	3742.6	3750.5	4038.2	4370.7	5033.2	5943.7
40°	6220.9	6025.6	5835.5	5022.6	4302.1	4006.5	3964.3	4315.3	4637.3	5091.2	6183.9
42.5°	6474.2	6371.3	5938.5	5041.1	4534.4	4370.7	4381.3	4629.4	4777.2	5254.9	6249.9
45°	6537.6	6429.4	6078.4	5054.3	4764.0	4800.9	4983.0	5030.5	4983.0	5363.1	6374.0
47.5°	6698.6	6463.7	6062.5	5231.1	5136.1	5278.6	5510.9	5613.8	5262.8	5323.5	6432.0
50°	6666.9	6532.3	6028.2	5305.0	5590.1	5967.5	6123.2	6081.0	5574.2	5241.7	6368.7
52.5°	6535.0	6389.8	6133.8	5505.6	6015.0	6471.6	6688.0	6582.5	5851.4	5426.4	6326.4
55°	6727.6	6616.8	6271.0	5777.5	6334.4	6915.0	7068.1	6988.9	6191.8	5598.0	6566.6
57.5°	6936.1	6912.4	6643.2	6096.8	6711.8	7371.6	7371.6	7274.0	6487.4	5846.1	6922.9
60°	7237.0	7289.8	6917.7	6308.0	6841.1	7345.2	7727.9	7614.4	6785.7	6281.6	7326.7
62.5°	7139.4	7308.3	7271.3	6761.9	6988.9	7474.6	7683.1	7767.5	7155.2	6812.1	7865.2
65°	6825.3	7004.8	7268.7	7060.2	6878.1	7160.5	7266.0	7522.1	7339.9	7310.9	8086.9
67.5°	6450.5	6645.8	6809.4	7260.8	6653.7	6841.1	6748.7	6830.6	7139.4	7857.3	8213.6
70°	5632.3	5819.7	6078.4	6814.7	6059.9	5891.0	5867.2	5827.6	6308.0	7661.9	7638.2
72.5°	4632.0	4719.1	5146.7	5539.9	4484.2	4452.5	4489.5	4444.6	5001.5	6936.1	6542.9
75°	3468.1	3555.2	3798.0	4254.6	3053.7	2871.6	3082.7	3291.2	3819.1	5384.2	4700.6
77.5°	2607.6	2718.5	2871.6	3183.0	2240.8	1955.7	1984.8	2182.7	2760.7	4312.6	2634.0
80°	1691.8	1678.6	1974.2	2190.6	1686.5	1739.3	1665.4	1810.6	2000.6	2306.8	1346.1
82.5°	976.5	989.7	1113.8	1256.3	1174.5	1343.4	968.6	1617.9	1427.9	939.6	501.5
85°	549.0	572.7	686.2	871.0	736.4	493.6	403.8	802.4	897.4	385.3	242.8
87.5°	55.4	47.5	92.4	329.9	200.6	81.8	121.4	192.7	216.4	145.2	71.3
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°	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2
2.5°	3861.3	3861.3	3795.3	3684.5	3639.6	3560.4	3452.2	3486.5	3449.6	3315.0	3280.7
5°	3703.0	3576.3	3439.0	3270.1	3172.5	2971.9	2908.5	2795.0	2813.5	2700.0	2705.3
7.5°	3373.0	3272.8	3040.5	2818.8	2626.1	2451.9	2206.5	2114.1	2024.4	1979.5	2032.3
10°	3180.4	2993.0	2676.3	2385.9	2129.9	1974.2	1810.6	1683.9	1567.8	1480.7	1462.2
12.5°	3040.5	2874.2	2491.5	2137.8	1937.3	1810.6	1660.1	1485.9	1372.4	1222.0	1177.1
15°	2998.3	2795.0	2391.2	2040.2	1844.9	1636.4	1464.8	1293.3	1145.5	987.1	931.7
17.5°	3143.4	2908.5	2388.6	1961.0	1686.5	1462.2	1224.6	1032.0	881.5	736.4	702.1
20°	3388.9	3029.9	2465.1	1913.5	1536.1	1235.2	966.0	773.3	604.4	509.4	485.6
22.5°	3668.7	3235.8	2473.0	1786.8	1385.6	1008.2	704.7	509.4	414.4	369.5	356.3
25°	4011.8	3565.7	2568.1	1683.9	1208.8	765.4	501.5	390.6	335.2	308.8	303.5
27.5°	4294.2	3795.3	2671.0	1575.7	1034.6	567.5	393.3	319.4	290.3	263.9	261.3
30°	4587.1	4059.3	2700.0	1509.7	884.2	467.2	337.8	282.4	250.7	237.5	234.9
32.5°	4843.2	4347.0	2792.4	1401.5	741.6	411.7	306.2	253.4	232.3	211.1	208.5
35°	5173.1	4513.2	2837.3	1343.4	688.9	372.1	279.8	232.3	200.6	187.4	182.1
37.5°	5526.7	4674.2	2866.3	1298.5	644.0	348.4	263.9	219.1	190.0	171.6	166.3
40°	5856.6	4901.2	2824.1	1243.1	609.7	319.4	253.4	203.2	176.8	158.4	150.4
42.5°	6110.0	5122.9	2810.9	1190.3	572.7	308.8	240.2	195.3	166.3	145.2	142.5
45°	6252.5	5273.4	2718.5	1148.1	543.7	314.1	234.9	184.8	158.4	139.9	129.3
47.5°	6218.2	5389.5	2742.3	1134.9	504.1	293.0	232.3	176.8	145.2	129.3	121.4
50°	6408.3	5624.4	2702.7	1092.7	475.1	263.9	253.4	176.8	142.5	124.0	116.1
52.5°	6439.9	5838.2	2787.1	1016.1	430.2	242.8	250.7	174.2	137.2	118.8	108.2
55°	6703.9	6086.3	2950.8	973.9	393.3	211.1	229.6	168.9	124.0	108.2	102.9
57.5°	7062.8	6600.9	3056.3	934.3	343.1	184.8	192.7	166.3	113.5	100.3	92.4
60°	7408.6	6806.8	3064.2	863.1	295.6	166.3	150.4	166.3	105.6	89.7	81.8
62.5°	7667.2	6806.8	3011.5	802.4	258.7	147.8	132.0	158.4	95.0	79.2	73.9
65°	7527.3	6624.7	2874.2	752.2	234.9	129.3	113.5	121.4	84.5	68.6	63.3
67.5°	7276.6	6057.2	2570.7	691.5	232.3	113.5	97.7	89.7	73.9	60.7	55.4
70°	6875.4	5291.8	2140.5	622.9	227.0	102.9	87.1	76.5	66.0	52.8	47.5
72.5°	5539.9	4370.7	1757.8	583.3	221.7	89.7	73.9	66.0	55.4	44.9	39.6
75°	3837.6	2792.4	1354.0	498.8	216.4	81.8	68.6	58.1	47.5	37.0	34.3
77.5°	2301.5	1866.0	873.6	374.8	142.5	66.0	58.1	44.9	39.6	31.7	29.0
80°	1076.8	881.5	353.7	145.2	68.6	47.5	39.6	34.3	31.7	26.4	23.8
82.5°	422.3	372.1	171.6	84.5	55.4	37.0	31.7	29.0	26.4	21.1	18.5
85°	227.0	200.6	81.8	58.1	39.6	26.4	26.4	23.8	21.1	18.5	15.8
87.5°	50.1	37.0	34.3	34.3	29.0	21.1	21.1	18.5	15.8	13.2	10.6
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°	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2
2.5°	3262.2	3301.8	3238.4	3278.0	3222.6	3264.8	3270.1	3230.5	3241.1	3293.9	3317.6
5°	2779.2	2752.8	2694.7	2676.3	2678.9	2644.6	2657.8	2676.3	2705.3	2721.1	2768.6
7.5°	2003.2	2063.9	2061.3	2106.2	2108.8	2103.5	2066.6	1987.4	2013.8	1992.7	2019.1
10°	1433.2	1459.5	1509.7	1538.7	1591.5	1562.5	1478.0	1446.3	1430.5	1427.9	1454.3
12.5°	1145.5	1082.1	1076.8	1087.4	1113.8	1079.5	1037.3	1000.3	1018.8	1055.7	1084.8
15°	886.8	834.0	765.4	754.8	760.1	744.3	699.4	651.9	665.1	702.1	723.2
17.5°	680.9	620.2	572.7	541.1	530.5	475.1	409.1	369.5	358.9	356.3	374.8
20°	459.2	448.7	440.8	401.2	401.2	322.0	266.6	237.5	237.5	242.8	245.5
22.5°	343.1	329.9	332.6	324.6	303.5	240.2	211.1	203.2	203.2	208.5	208.5
25°	298.2	279.8	274.5	271.8	250.7	205.9	184.8	176.8	176.8	182.1	182.1
27.5°	253.4	248.1	240.2	229.6	211.1	176.8	163.6	155.7	158.4	161.0	158.4
30°	232.3	219.1	208.5	208.5	187.4	158.4	147.8	142.5	137.2	142.5	145.2
32.5°	205.9	197.9	192.7	184.8	161.0	139.9	129.3	124.0	121.4	121.4	124.0
35°	176.8	176.8	171.6	161.0	139.9	126.7	113.5	108.2	105.6	108.2	108.2
37.5°	158.4	150.4	153.1	142.5	124.0	110.9	97.7	92.4	92.4	89.7	92.4
40°	147.8	134.6	126.7	121.4	110.9	95.0	84.5	79.2	76.5	76.5	76.5
42.5°	132.0	121.4	105.6	102.9	100.3	81.8	68.6	66.0	63.3	60.7	60.7
45°	124.0	108.2	95.0	81.8	81.8	68.6	58.1	52.8	50.1	47.5	50.1
47.5°	113.5	97.7	81.8	68.6	66.0	55.4	44.9	39.6	37.0	37.0	37.0
50°	108.2	87.1	71.3	58.1	50.1	44.9	34.3	29.0	26.4	26.4	26.4
52.5°	100.3	81.8	63.3	50.1	39.6	34.3	26.4	21.1	18.5	18.5	18.5
55°	89.7	73.9	55.4	42.2	34.3	26.4	18.5	13.2	10.6	10.6	10.6
57.5°	84.5	66.0	47.5	37.0	26.4	18.5	10.6	7.9	7.9	5.3	7.9
60°	76.5	58.1	39.6	29.0	21.1	13.2	7.9	2.6	2.6	2.6	2.6
62.5°	66.0	50.1	34.3	23.8	15.8	7.9	2.6	0.0	0.0	0.0	0.0
65°	55.4	39.6	26.4	18.5	10.6	2.6	0.0	0.0	0.0	0.0	0.0
67.5°	47.5	34.3	21.1	13.2	7.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	42.2	29.0	15.8	10.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	34.3	23.8	13.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	29.0	18.5	7.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	23.8	13.2	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	18.5	10.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.8	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.9	2.6	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: P599462
 CATALOG NUMBER: IFLD-S-SA3A-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2	3716.2
2.5°	3351.9	3336.1	3415.3	3544.6	3610.6	3739.9	3771.6	3853.4	3832.3	3861.3
5°	2773.9	2805.6	2921.7	3111.8	3180.4	3367.8	3544.6	3721.4	3834.9	3890.4
7.5°	2058.7	2164.2	2306.8	2481.0	2657.8	2903.3	3204.1	3410.0	3520.9	3639.6
10°	1533.4	1646.9	1810.6	1982.1	2269.8	2544.3	2845.2	3101.2	3196.2	3307.1
12.5°	1206.2	1383.0	1573.0	1757.8	1929.3	2190.6	2562.8	2934.9	3037.9	3122.3
15°	839.3	1055.7	1327.6	1567.8	1807.9	2034.9	2420.3	2871.6	3011.5	3154.0
17.5°	464.5	636.1	947.5	1285.3	1639.0	1987.4	2467.8	2987.7	3198.9	3299.1
20°	269.2	337.8	559.5	960.7	1427.9	1884.5	2491.5	3206.8	3486.5	3536.7
22.5°	221.7	245.5	316.7	601.8	1169.2	1818.5	2612.9	3512.9	3798.0	3916.7
25°	190.0	208.5	245.5	361.6	884.2	1678.6	2689.5	3895.6	4159.6	4288.9
27.5°	168.9	187.4	216.4	266.6	601.8	1485.9	2816.2	4241.4	4505.3	4682.2
30°	147.8	163.6	192.7	227.0	417.0	1269.5	2924.4	4494.8	4866.9	4922.3
32.5°	132.0	145.2	166.3	195.3	308.8	963.4	3011.5	4756.1	5070.1	5191.5
35°	113.5	129.3	142.5	166.3	234.9	725.8	2958.7	4959.3	5368.4	5513.5
37.5°	100.3	110.9	124.0	139.9	197.9	567.5	2850.5	5202.1	5624.4	5759.0
40°	84.5	92.4	108.2	124.0	179.5	438.1	2726.4	5495.1	5983.3	6220.9
42.5°	71.3	79.2	89.7	116.1	147.8	324.6	2475.7	5722.0	6273.7	6474.2
45°	55.4	66.0	81.8	116.1	118.8	240.2	2217.0	5891.0	6437.3	6537.6
47.5°	42.2	52.8	79.2	100.3	95.0	166.3	1910.9	6083.6	6606.2	6698.6
50°	31.7	42.2	89.7	87.1	79.2	126.7	1718.2	6218.2	6616.8	6666.9
52.5°	21.1	31.7	73.9	66.0	66.0	110.9	1665.4	6213.0	6643.2	6535.0
55°	15.8	23.8	42.2	47.5	58.1	97.7	1617.9	6410.9	6651.1	6727.6
57.5°	10.6	18.5	29.0	37.0	50.1	84.5	1520.2	6648.4	6896.5	6936.1
60°	5.3	13.2	21.1	29.0	42.2	73.9	1383.0	6822.6	7194.8	7237.0
62.5°	2.6	7.9	15.8	23.8	34.3	58.1	1240.5	6545.5	7065.5	7139.4
65°	0.0	5.3	10.6	15.8	21.1	42.2	1008.2	5909.4	6553.4	6825.3
67.5°	0.0	0.0	5.3	10.6	13.2	31.7	760.1	5376.3	6081.0	6450.5
70°	0.0	0.0	2.6	2.6	7.9	23.8	485.6	4452.5	5429.1	5632.3
72.5°	0.0	0.0	0.0	0.0	2.6	15.8	282.4	3307.1	4254.6	4632.0
75°	0.0	0.0	0.0	0.0	0.0	13.2	142.5	2127.3	2961.3	3468.1
77.5°	0.0	0.0	0.0	0.0	0.0	10.6	76.5	1372.4	2182.7	2607.6
80°	0.0	0.0	0.0	0.0	0.0	2.6	44.9	797.1	1396.2	1691.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.5	390.6	834.0	976.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.3	208.5	417.0	549.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	29.0	55.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)