

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: P599459

Luminaire Tested: **IFLD-S-SA2C-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: P599459
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-735-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (32) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

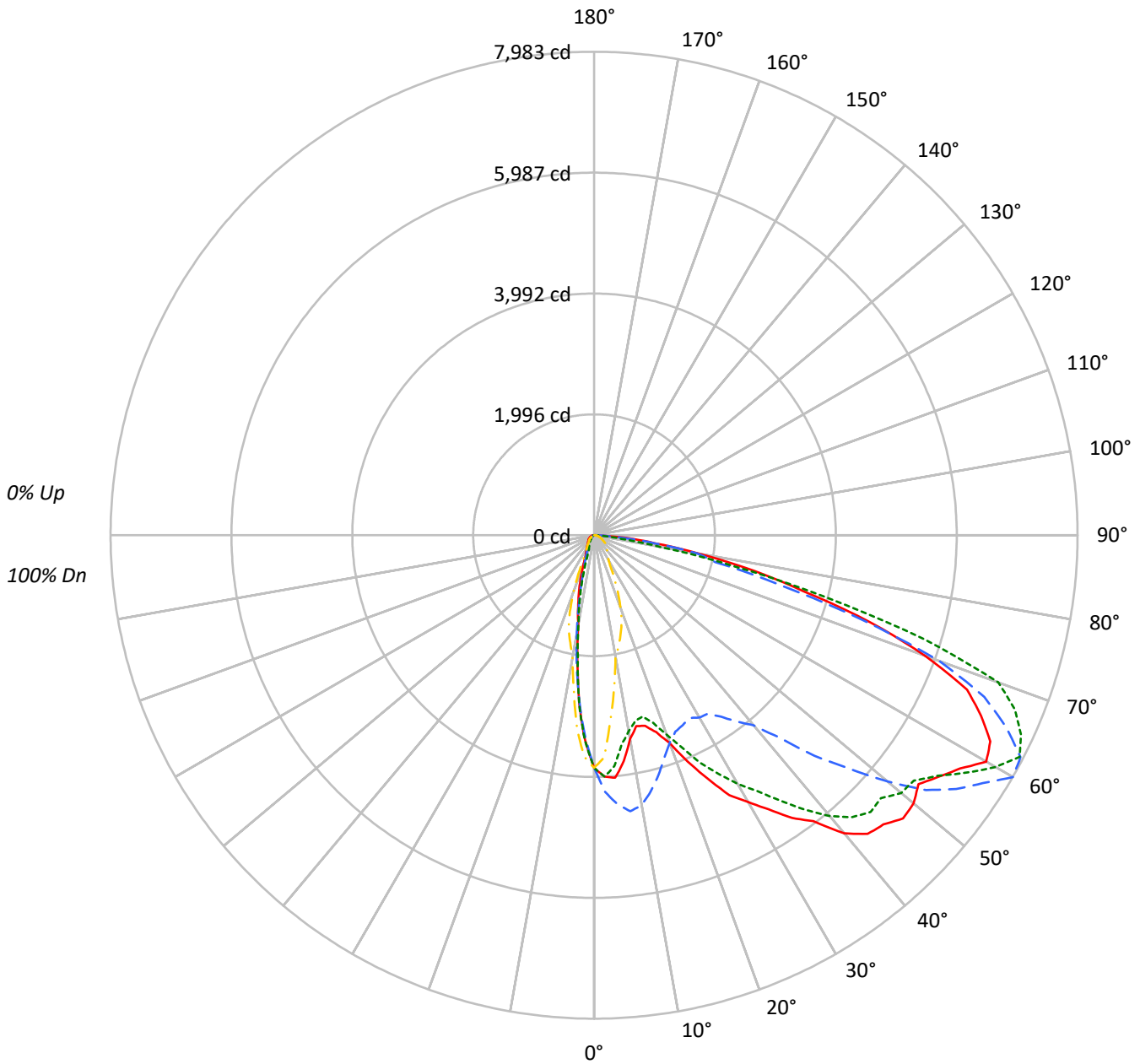
Lumens per Lamp: N/A
 Luminaire Lumens: 10210.4 lumens
 Efficiency: N/A
 Efficacy: 94.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 108.2
 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	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	82645	82645	82645	82645
5°	86851	82667	60394	60748
10°	74682	71821	33019	32246
15°	72619	69033	21451	16165
20°	83702	80204	11494	5746
25°	105244	98443	7449	4468
30°	126406	117798	6033	3659
35°	149689	140446	4943	2938
40°	180601	170029	4367	2223
45°	205616	196653	4067	1495
50°	230665	221716	4019	914
55°	260852	259932	3990	409
60°	321897	329526	3638	116
65°	359167	396113	3331	0
70°	366235	447066	3091	0
75°	297999	329747	2944	0
80°	216669	137908	3037	0
85°	140076	57922	4051	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	291.6	2.9
10°-20°	571.9	5.6
20°-30°	791.4	7.8
30°-40°	1118.5	11.0
40°-50°	1522.9	14.9
50°-60°	2016.9	19.8
60°-70°	2341.8	22.9
70°-80°	1326.2	13.0
80°-90°	229.1	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°	1655.0	16.2
0°-40°	2773.5	27.2
0°-60°	6313.3	61.8
0°-90°	10210.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10210.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3839	3839	3839	3839	3839	
5°	4019	3825	2795	2811	4019	361
15°	3258	3097	962	725	3258	956
25°	4431	4144	314	188	4431	2066
35°	5696	5344	188	112	5696	3591
45°	6754	6459	134	49	6754	5236
55°	6950	6926	106	11	6950	6297
65°	7051	7776	65	0	7051	6873
75°	3583	3964	35	0	3583	3910
85°	567	234	16	0	567	681
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°	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0
2.5°	3989.0	4073.5	4076.2	4114.4	4152.6	4152.6	4242.6	4220.7	4141.7	4128.0	4070.8
5°	4019.0	4049.0	4070.8	4264.4	4428.0	4411.6	4460.7	4428.0	4275.3	4079.0	3945.4
7.5°	3760.0	3792.7	3879.9	4209.8	4430.7	4504.3	4597.0	4392.5	4231.6	3877.2	3620.9
10°	3416.4	3479.1	3640.0	4016.3	4288.9	4523.4	4523.4	4359.8	4049.0	3702.7	3389.1
12.5°	3225.5	3351.0	3438.2	3819.9	4174.4	4335.3	4329.8	4242.6	4040.8	3604.5	3250.1
15°	3258.3	3293.7	3479.1	3776.3	4010.8	4002.6	4100.8	4073.5	3931.7	3691.8	3301.9
17.5°	3408.2	3462.8	3623.6	3776.3	3888.1	3855.4	3852.7	3983.5	3991.7	3839.0	3495.5
20°	3653.6	3814.5	3890.8	3937.2	3800.9	3661.8	3645.4	3828.1	3969.9	4027.2	3727.2
22.5°	4046.2	4152.6	4308.0	4070.8	3716.3	3541.8	3509.1	3710.9	3997.2	4250.7	4027.2
25°	4430.7	4512.5	4662.4	4357.1	3811.8	3517.3	3460.0	3634.5	4100.8	4561.6	4389.8
27.5°	4837.0	4907.8	4924.2	4567.0	3863.6	3468.2	3400.0	3634.5	4188.0	4725.2	4823.3
30°	5085.1	5169.6	5186.0	4752.4	3948.1	3509.1	3476.4	3650.9	4248.0	4864.2	5134.1
32.5°	5363.2	5385.0	5371.4	4785.1	4040.8	3629.1	3492.7	3760.0	4316.2	5030.5	5417.7
35°	5695.8	5734.0	5594.9	4935.1	4248.0	3705.4	3656.3	3893.6	4433.4	5106.9	5761.3
37.5°	5949.4	6069.4	5755.8	4992.4	4288.9	3866.3	3874.5	4171.7	4515.2	5199.6	6140.3
40°	6426.5	6224.8	6028.5	5188.7	4444.3	4138.9	4095.3	4458.0	4790.6	5259.6	6388.4
42.5°	6688.3	6582.0	6134.8	5207.8	4684.3	4515.2	4526.1	4782.4	4935.1	5428.6	6456.5
45°	6753.7	6641.9	6279.3	5221.4	4921.5	4959.6	5147.8	5196.9	5147.8	5540.4	6584.7
47.5°	6920.1	6677.4	6263.0	5404.1	5305.9	5453.2	5693.1	5799.4	5436.8	5499.5	6644.7
50°	6887.3	6748.3	6227.5	5480.4	5774.9	6164.8	6325.7	6282.0	5758.5	5415.0	6579.2
52.5°	6751.0	6601.0	6336.6	5687.6	6213.9	6685.6	6909.2	6800.1	6044.8	5605.8	6535.6
55°	6950.0	6835.5	6478.4	5968.5	6543.8	7143.6	7301.8	7220.0	6396.6	5783.1	6783.7
57.5°	7165.4	7140.9	6862.8	6298.4	6933.7	7615.3	7615.3	7514.5	6701.9	6039.4	7151.8
60°	7476.3	7530.8	7146.4	6516.5	7067.3	7588.1	7983.4	7866.2	7010.0	6489.3	7569.0
62.5°	7375.4	7549.9	7511.7	6985.5	7220.0	7721.7	7937.1	8024.3	7391.8	7037.3	8125.2
65°	7050.9	7236.3	7509.0	7293.6	7105.5	7397.2	7506.3	7770.7	7582.6	7552.6	8354.2
67.5°	6663.8	6865.5	7034.6	7500.8	6873.7	7067.3	6971.9	7056.4	7375.4	8117.0	8485.1
70°	5818.5	6012.1	6279.3	7040.0	6260.2	6085.7	6061.2	6020.3	6516.5	7915.3	7890.7
72.5°	4785.1	4875.1	5316.8	5723.1	4632.5	4599.7	4637.9	4591.6	5166.9	7165.4	6759.2
75°	3582.7	3672.7	3923.5	4395.2	3154.7	2966.5	3184.6	3400.0	3945.4	5562.2	4856.0
77.5°	2693.9	2808.4	2966.5	3288.3	2314.9	2020.4	2050.4	2254.9	2852.0	4455.2	2721.1
80°	1747.7	1734.1	2039.5	2263.1	1742.3	1796.8	1720.5	1870.4	2066.7	2383.0	1390.6
82.5°	1008.8	1022.5	1150.6	1297.9	1213.3	1387.8	1000.7	1671.4	1475.1	970.7	518.0
85°	567.1	591.7	708.9	899.8	760.7	509.9	417.2	828.9	927.0	398.1	250.8
87.5°	57.3	49.1	95.4	340.8	207.2	84.5	125.4	199.0	223.6	150.0	73.6
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°	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0
2.5°	3989.0	3989.0	3920.8	3806.3	3760.0	3678.2	3566.4	3601.8	3563.6	3424.6	3389.1
5°	3825.4	3694.5	3552.7	3378.2	3277.3	3070.1	3004.7	2887.4	2906.5	2789.3	2794.7
7.5°	3484.6	3381.0	3141.0	2912.0	2712.9	2533.0	2279.4	2184.0	2091.3	2044.9	2099.5
10°	3285.5	3091.9	2764.8	2464.8	2200.3	2039.5	1870.4	1739.6	1619.6	1529.6	1510.5
12.5°	3141.0	2969.2	2573.9	2208.5	2001.3	1870.4	1715.0	1535.1	1417.8	1262.4	1216.1
15°	3097.4	2887.4	2470.3	2107.6	1905.9	1690.5	1513.3	1336.0	1183.3	1019.7	962.5
17.5°	3247.4	3004.7	2467.6	2025.8	1742.3	1510.5	1265.1	1066.1	910.7	760.7	725.3
20°	3500.9	3130.1	2546.6	1976.8	1586.9	1276.0	997.9	798.9	624.4	526.2	501.7
22.5°	3789.9	3342.8	2554.8	1845.9	1431.5	1041.6	728.0	526.2	428.1	381.7	368.1
25°	4144.4	3683.6	2653.0	1739.6	1248.8	790.7	518.0	403.5	346.3	319.0	313.6
27.5°	4436.1	3920.8	2759.3	1627.8	1068.8	586.2	406.3	329.9	299.9	272.7	269.9
30°	4738.8	4193.5	2789.3	1559.6	913.4	482.6	349.0	291.7	259.0	245.4	242.7
32.5°	5003.3	4490.7	2884.7	1447.8	766.2	425.3	316.3	261.8	239.9	218.1	215.4
35°	5344.1	4662.4	2931.1	1387.8	711.6	384.4	289.0	239.9	207.2	193.6	188.1
37.5°	5709.5	4828.8	2961.1	1341.5	665.3	359.9	272.7	226.3	196.3	177.2	171.8
40°	6050.3	5063.3	2917.4	1284.2	629.8	329.9	261.8	209.9	182.7	163.6	155.4
42.5°	6312.0	5292.3	2903.8	1229.7	591.7	319.0	248.1	201.8	171.8	150.0	147.2
45°	6459.3	5447.7	2808.4	1186.1	561.7	324.5	242.7	190.9	163.6	144.5	133.6
47.5°	6423.8	5567.7	2832.9	1172.4	520.8	302.7	239.9	182.7	150.0	133.6	125.4
50°	6620.1	5810.3	2792.0	1128.8	490.8	272.7	261.8	182.7	147.2	128.1	120.0
52.5°	6652.9	6031.2	2879.3	1049.7	444.4	250.8	259.0	180.0	141.8	122.7	111.8
55°	6925.5	6287.5	3048.3	1006.1	406.3	218.1	237.2	174.5	128.1	111.8	106.3
57.5°	7296.3	6819.2	3157.4	965.2	354.5	190.9	199.0	171.8	117.2	103.6	95.4
60°	7653.5	7031.8	3165.6	891.6	305.4	171.8	155.4	171.8	109.1	92.7	84.5
62.5°	7920.7	7031.8	3111.0	828.9	267.2	152.7	136.3	163.6	98.2	81.8	76.3
65°	7776.2	6843.7	2969.2	777.1	242.7	133.6	117.2	125.4	87.3	70.9	65.4
67.5°	7517.2	6257.5	2655.7	714.4	239.9	117.2	100.9	92.7	76.3	62.7	57.3
70°	7102.7	5466.8	2211.3	643.5	234.5	106.3	90.0	79.1	68.2	54.5	49.1
72.5°	5723.1	4515.2	1815.9	602.6	229.0	92.7	76.3	68.2	57.3	46.4	40.9
75°	3964.4	2884.7	1398.7	515.3	223.6	84.5	70.9	60.0	49.1	38.2	35.4
77.5°	2377.6	1927.7	902.5	387.2	147.2	68.2	60.0	46.4	40.9	32.7	30.0
80°	1112.4	910.7	365.4	150.0	70.9	49.1	40.9	35.4	32.7	27.3	24.5
82.5°	436.3	384.4	177.2	87.3	57.3	38.2	32.7	30.0	27.3	21.8	19.1
85°	234.5	207.2	84.5	60.0	40.9	27.3	27.3	24.5	21.8	19.1	16.4
87.5°	51.8	38.2	35.4	35.4	30.0	21.8	21.8	19.1	16.4	13.6	10.9
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°	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0
2.5°	3370.1	3410.9	3345.5	3386.4	3329.2	3372.8	3378.2	3337.3	3348.2	3402.8	3427.3
5°	2871.1	2843.8	2783.8	2764.8	2767.5	2732.0	2745.7	2764.8	2794.7	2811.1	2860.2
7.5°	2069.5	2132.2	2129.5	2175.8	2178.5	2173.1	2134.9	2053.1	2080.4	2058.6	2085.8
10°	1480.5	1507.8	1559.6	1589.6	1644.1	1614.1	1526.9	1494.2	1477.8	1475.1	1502.3
12.5°	1183.3	1117.9	1112.4	1123.4	1150.6	1115.2	1071.5	1033.4	1052.5	1090.6	1120.6
15°	916.1	861.6	790.7	779.8	785.3	768.9	722.5	673.5	687.1	725.3	747.1
17.5°	703.5	640.7	591.7	558.9	548.0	490.8	422.6	381.7	370.8	368.1	387.2
20°	474.4	463.5	455.3	414.4	414.4	332.6	275.4	245.4	245.4	250.8	253.6
22.5°	354.5	340.8	343.5	335.4	313.6	248.1	218.1	209.9	209.9	215.4	215.4
25°	308.1	289.0	283.6	280.8	259.0	212.7	190.9	182.7	182.7	188.1	188.1
27.5°	261.8	256.3	248.1	237.2	218.1	182.7	169.0	160.9	163.6	166.3	163.6
30°	239.9	226.3	215.4	215.4	193.6	163.6	152.7	147.2	141.8	147.2	150.0
32.5°	212.7	204.5	199.0	190.9	166.3	144.5	133.6	128.1	125.4	125.4	128.1
35°	182.7	182.7	177.2	166.3	144.5	130.9	117.2	111.8	109.1	111.8	111.8
37.5°	163.6	155.4	158.1	147.2	128.1	114.5	100.9	95.4	95.4	92.7	95.4
40°	152.7	139.1	130.9	125.4	114.5	98.2	87.3	81.8	79.1	79.1	79.1
42.5°	136.3	125.4	109.1	106.3	103.6	84.5	70.9	68.2	65.4	62.7	62.7
45°	128.1	111.8	98.2	84.5	84.5	70.9	60.0	54.5	51.8	49.1	51.8
47.5°	117.2	100.9	84.5	70.9	68.2	57.3	46.4	40.9	38.2	38.2	38.2
50°	111.8	90.0	73.6	60.0	51.8	46.4	35.4	30.0	27.3	27.3	27.3
52.5°	103.6	84.5	65.4	51.8	40.9	35.4	27.3	21.8	19.1	19.1	19.1
55°	92.7	76.3	57.3	43.6	35.4	27.3	19.1	13.6	10.9	10.9	10.9
57.5°	87.3	68.2	49.1	38.2	27.3	19.1	10.9	8.2	8.2	5.5	8.2
60°	79.1	60.0	40.9	30.0	21.8	13.6	8.2	2.7	2.7	2.7	2.7
62.5°	68.2	51.8	35.4	24.5	16.4	8.2	2.7	0.0	0.0	0.0	0.0
65°	57.3	40.9	27.3	19.1	10.9	2.7	0.0	0.0	0.0	0.0	0.0
67.5°	49.1	35.4	21.8	13.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	43.6	30.0	16.4	10.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	35.4	24.5	13.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	30.0	19.1	8.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	24.5	13.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	19.1	10.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.2	2.7	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: P599459
 CATALOG NUMBER: IFLD-S-SA2C-735-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0	3839.0
2.5°	3462.8	3446.4	3528.2	3661.8	3730.0	3863.6	3896.3	3980.8	3959.0	3989.0
5°	2865.6	2898.4	3018.3	3214.6	3285.5	3479.1	3661.8	3844.5	3961.7	4019.0
7.5°	2126.7	2235.8	2383.0	2563.0	2745.7	2999.2	3310.1	3522.7	3637.3	3760.0
10°	1584.1	1701.4	1870.4	2047.7	2344.9	2628.4	2939.3	3203.7	3301.9	3416.4
12.5°	1246.0	1428.7	1625.0	1815.9	1993.1	2263.1	2647.5	3032.0	3138.3	3225.5
15°	867.1	1090.6	1371.5	1619.6	1867.7	2102.2	2500.3	2966.5	3111.0	3258.3
17.5°	479.9	657.1	978.8	1327.8	1693.2	2053.1	2549.4	3086.5	3304.6	3408.2
20°	278.1	349.0	578.0	992.5	1475.1	1946.8	2573.9	3312.8	3601.8	3653.6
22.5°	229.0	253.6	327.2	621.7	1207.9	1878.6	2699.3	3629.1	3923.5	4046.2
25°	196.3	215.4	253.6	373.5	913.4	1734.1	2778.4	4024.4	4297.1	4430.7
27.5°	174.5	193.6	223.6	275.4	621.7	1535.1	2909.3	4381.6	4654.3	4837.0
30°	152.7	169.0	199.0	234.5	430.8	1311.5	3021.0	4643.4	5027.8	5085.1
32.5°	136.3	150.0	171.8	201.8	319.0	995.2	3111.0	4913.3	5237.8	5363.2
35°	117.2	133.6	147.2	171.8	242.7	749.8	3056.5	5123.2	5545.9	5695.8
37.5°	103.6	114.5	128.1	144.5	204.5	586.2	2944.7	5374.1	5810.3	5949.4
40°	87.3	95.4	111.8	128.1	185.4	452.6	2816.6	5676.7	6181.2	6426.5
42.5°	73.6	81.8	92.7	120.0	152.7	335.4	2557.5	5911.2	6481.1	6688.3
45°	57.3	68.2	84.5	120.0	122.7	248.1	2290.3	6085.7	6650.1	6753.7
47.5°	43.6	54.5	81.8	103.6	98.2	171.8	1974.0	6284.8	6824.6	6920.1
50°	32.7	43.6	92.7	90.0	81.8	130.9	1775.0	6423.8	6835.5	6887.3
52.5°	21.8	32.7	76.3	68.2	68.2	114.5	1720.5	6418.4	6862.8	6751.0
55°	16.4	24.5	43.6	49.1	60.0	100.9	1671.4	6622.9	6871.0	6950.0
57.5°	10.9	19.1	30.0	38.2	51.8	87.3	1570.5	6868.3	7124.5	7165.4
60°	5.5	13.6	21.8	30.0	43.6	76.3	1428.7	7048.2	7432.7	7476.3
62.5°	2.7	8.2	16.4	24.5	35.4	60.0	1281.5	6761.9	7299.1	7375.4
65°	0.0	5.5	10.9	16.4	21.8	43.6	1041.6	6104.8	6770.1	7050.9
67.5°	0.0	0.0	5.5	10.9	13.6	32.7	785.3	5554.0	6282.0	6663.8
70°	0.0	0.0	2.7	2.7	8.2	24.5	501.7	4599.7	5608.6	5818.5
72.5°	0.0	0.0	0.0	0.0	2.7	16.4	291.7	3416.4	4395.2	4785.1
75°	0.0	0.0	0.0	0.0	0.0	13.6	147.2	2197.6	3059.2	3582.7
77.5°	0.0	0.0	0.0	0.0	0.0	10.9	79.1	1417.8	2254.9	2693.9
80°	0.0	0.0	0.0	0.0	0.0	2.7	46.4	823.4	1442.4	1747.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	19.1	403.5	861.6	1008.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	5.5	215.4	430.8	567.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	30.0	57.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)