

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: P599386

Luminaire Tested: **IFLD-M-SA4B-722-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: P599386
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-722-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

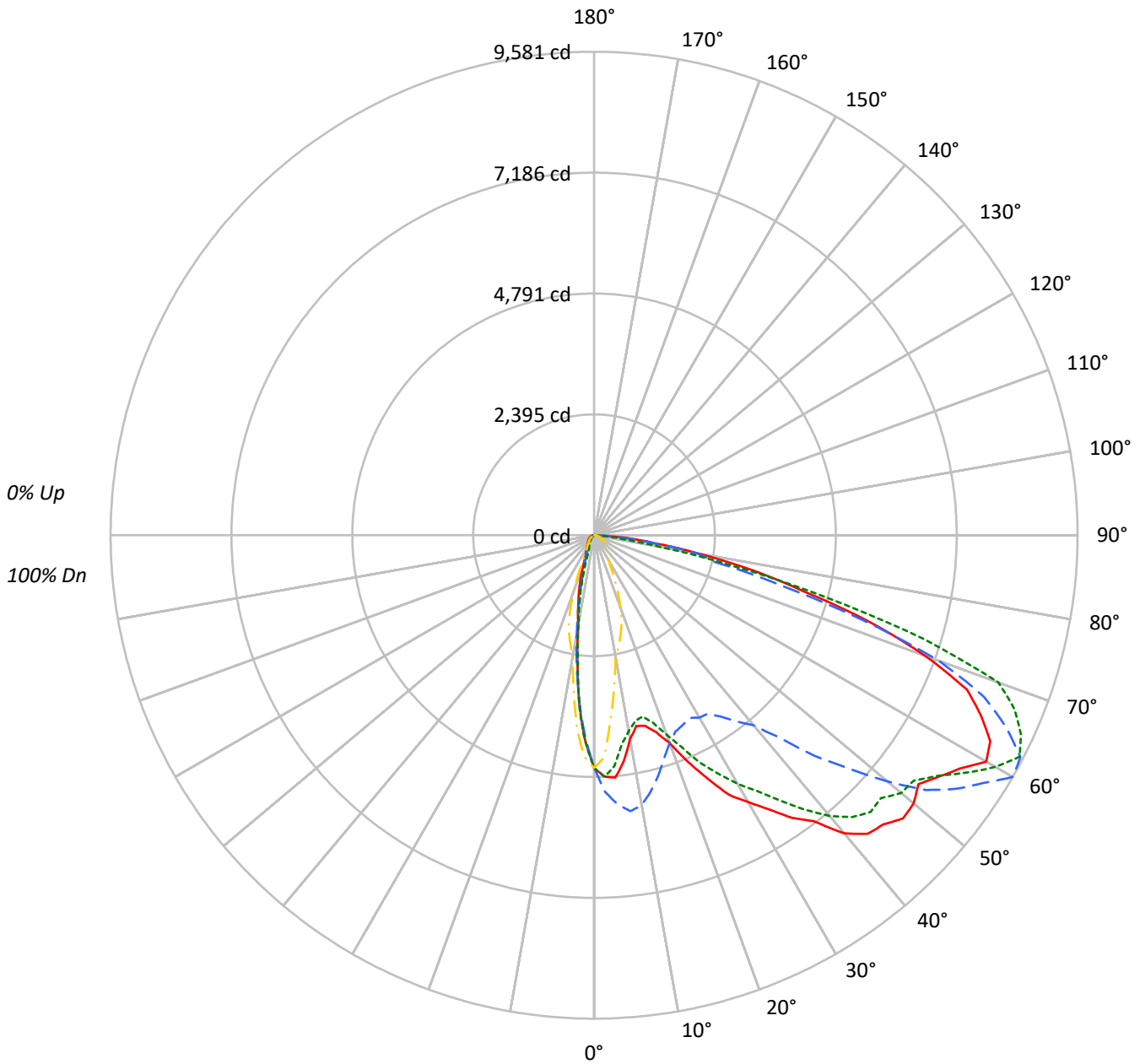
Lumens per Lamp: N/A
 Luminaire Lumens: 12253.2 lumens
 Efficiency: N/A
 Efficacy: 73.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 Input Voltage (V): 120
 Input Current (A_{in}): 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				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				100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79				79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61				61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48				48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39				39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32				32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27				27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23				23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20				20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18				18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	49590	49590	49590	49590
5°	52114	49604	36239	36451
10°	44813	43096	19814	19348
15°	43574	41422	12872	9699
20°	50224	48126	6897	3448
25°	63151	59070	4469	2682
30°	75849	70683	3619	2196
35°	89819	84273	2967	1763
40°	108369	102024	2621	1333
45°	123378	117999	2440	897
50°	138410	133039	2411	548
55°	156522	155971	2395	246
60°	193150	197729	2183	71
65°	215516	237685	1999	0
70°	219757	268261	1854	0
75°	178814	197866	1768	0
80°	130011	82753	1822	0
85°	84056	34753	2421	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	350.0	2.9
10°-20°	686.3	5.6
20°-30°	949.8	7.8
30°-40°	1342.3	11.0
40°-50°	1827.5	14.9
50°-60°	2420.5	19.8
60°-70°	2810.3	22.9
70°-80°	1591.5	13.0
80°-90°	275.0	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°	1986.1	16.2
0°-40°	3328.4	27.2
0°-60°	7576.4	61.8
0°-90°	12253.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12253.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4607	4607	4607	4607	4607	
5°	4823	4591	3354	3374	4823	433
15°	3910	3717	1155	870	3910	1147
25°	5317	4974	376	226	5317	2480
35°	6835	6413	226	134	6835	4309
45°	8105	7752	160	59	8105	6284
55°	8341	8311	128	13	8341	7557
65°	8462	9332	78	0	8462	8249
75°	4300	4758	42	0	4300	4693
85°	681	281	20	0	681	818
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°	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1
2.5°	4787.1	4888.5	4891.8	4937.6	4983.4	4983.4	5091.4	5065.2	4970.3	4954.0	4885.3
5°	4823.1	4859.1	4885.3	5117.6	5313.9	5294.3	5353.2	5313.9	5130.7	4895.1	4734.7
7.5°	4512.2	4551.5	4656.2	5052.1	5317.2	5405.5	5516.8	5271.4	5078.3	4652.9	4345.4
10°	4100.0	4175.2	4368.3	4819.8	5147.0	5428.4	5428.4	5232.1	4859.1	4443.5	4067.2
12.5°	3870.9	4021.4	4126.1	4584.2	5009.6	5202.7	5196.1	5091.4	4849.3	4325.7	3900.4
15°	3910.2	3952.7	4175.2	4531.9	4813.3	4803.5	4921.3	4888.5	4718.4	4430.4	3962.5
17.5°	4090.1	4155.6	4348.6	4531.9	4666.0	4626.8	4623.5	4780.6	4790.4	4607.1	4194.8
20°	4384.6	4577.7	4669.3	4724.9	4561.3	4394.4	4374.8	4594.0	4764.2	4832.9	4473.0
22.5°	4855.8	4983.4	5169.9	4885.3	4459.9	4250.5	4211.2	4453.3	4796.9	5101.2	4832.9
25°	5317.2	5415.3	5595.3	5228.8	4574.4	4221.0	4152.3	4361.7	4921.3	5474.2	5268.1
27.5°	5804.7	5889.8	5909.4	5480.8	4636.6	4162.1	4080.3	4361.7	5026.0	5670.6	5788.4
30°	6102.5	6203.9	6223.6	5703.3	4738.0	4211.2	4171.9	4381.4	5098.0	5837.4	6161.4
32.5°	6436.2	6462.4	6446.1	5742.6	4849.3	4355.2	4191.6	4512.2	5179.8	6037.0	6501.7
35°	6835.4	6881.3	6714.4	5922.5	5098.0	4446.8	4387.9	4672.6	5320.5	6128.7	6914.0
37.5°	7139.7	7283.7	6907.4	5991.2	5147.0	4639.9	4649.7	5006.3	5418.6	6239.9	7368.8
40°	7712.4	7470.2	7234.6	6226.8	5333.5	4967.1	4914.7	5349.9	5749.1	6311.9	7666.6
42.5°	8026.5	7898.9	7362.3	6249.7	5621.5	5418.6	5431.7	5739.3	5922.5	6514.8	7748.4
45°	8105.0	7970.9	7535.7	6266.1	5906.2	5952.0	6177.7	6236.6	6177.7	6648.9	7902.2
47.5°	8304.6	8013.4	7516.0	6485.3	6367.5	6544.2	6832.2	6959.8	6524.6	6599.9	7974.1
50°	8265.4	8098.5	7473.5	6576.9	6930.3	7398.2	7591.3	7538.9	6910.7	6498.4	7895.6
52.5°	8101.8	7921.8	7604.4	6825.6	7457.1	8023.2	8291.5	8160.6	7254.3	6727.5	7843.3
55°	8340.6	8203.2	7774.5	7162.7	7853.1	8572.9	8762.7	8664.6	7676.4	6940.2	8141.0
57.5°	8599.1	8569.7	8235.9	7558.6	8321.0	9139.0	9139.0	9017.9	8042.9	7247.7	8582.8
60°	8972.1	9037.6	8576.2	7820.3	8481.3	9106.3	9580.7	9440.0	8412.6	7787.6	9083.4
62.5°	8851.1	9060.5	9014.7	8383.2	8664.6	9266.6	9525.1	9629.8	8870.7	8445.3	9750.9
65°	8461.7	8684.2	9011.4	8752.9	8527.1	8877.2	9008.1	9325.5	9099.7	9063.8	10025.8
67.5°	7997.0	8239.2	8442.1	9001.6	8249.0	8481.3	8366.8	8468.2	8851.1	9741.1	10182.8
70°	6982.7	7215.0	7535.7	8448.6	7512.8	7303.4	7273.9	7224.8	7820.3	9498.9	9469.5
72.5°	5742.6	5850.5	6380.6	6868.2	5559.3	5520.1	5565.9	5510.2	6200.7	8599.1	8111.6
75°	4299.6	4407.5	4708.6	5274.6	3785.8	3560.1	3821.8	4080.3	4734.7	6675.1	5827.6
77.5°	3232.8	3370.3	3560.1	3946.2	2778.0	2424.6	2460.6	2706.0	3422.6	5346.6	3265.6
80°	2097.4	2081.1	2447.5	2715.9	2090.9	2156.3	2064.7	2244.7	2480.3	2859.8	1668.8
82.5°	1210.7	1227.0	1380.8	1557.5	1456.1	1665.5	1200.9	2005.8	1770.2	1164.9	621.7
85°	680.6	710.0	850.7	1079.8	912.9	611.9	500.6	994.7	1112.5	477.7	301.0
87.5°	68.7	58.9	114.5	409.0	248.7	101.4	150.5	238.9	268.3	180.0	88.3
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°	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1
2.5°	4787.1	4787.1	4705.3	4567.9	4512.2	4414.1	4279.9	4322.5	4276.7	4109.8	4067.2
5°	4590.8	4433.7	4263.6	4054.1	3933.1	3684.4	3605.9	3465.2	3488.1	3347.4	3353.9
7.5°	4181.8	4057.4	3769.5	3494.6	3255.8	3039.8	2735.5	2621.0	2509.7	2454.1	2519.5
10°	3942.9	3710.6	3317.9	2958.0	2640.6	2447.5	2244.7	2087.6	1943.6	1835.7	1812.8
12.5°	3769.5	3563.3	3088.9	2650.4	2401.7	2244.7	2058.2	1842.2	1701.5	1515.0	1459.4
15°	3717.1	3465.2	2964.5	2529.3	2287.2	2028.7	1816.0	1603.3	1420.1	1223.8	1155.1
17.5°	3897.1	3605.9	2961.3	2431.2	2090.9	1812.8	1518.3	1279.4	1092.9	912.9	870.4
20°	4201.4	3756.4	3056.2	2372.3	1904.4	1531.3	1197.6	958.7	749.3	631.5	602.1
22.5°	4548.2	4011.6	3066.0	2215.2	1717.9	1249.9	873.7	631.5	513.7	458.1	441.7
25°	4973.6	4420.6	3183.8	2087.6	1498.6	948.9	621.7	484.3	415.6	382.8	376.3
27.5°	5323.7	4705.3	3311.4	1953.5	1282.7	703.5	487.5	395.9	359.9	327.2	323.9
30°	5686.9	5032.5	3347.4	1871.6	1096.2	579.2	418.8	350.1	310.9	294.5	291.2
32.5°	6004.3	5389.2	3461.9	1737.5	919.5	510.4	379.6	314.1	287.9	261.8	258.5
35°	6413.3	5595.3	3517.5	1665.5	854.0	461.4	346.8	287.9	248.7	232.3	225.8
37.5°	6851.8	5794.9	3553.5	1609.9	798.4	431.9	327.2	271.6	235.6	212.7	206.1
40°	7260.8	6076.3	3501.2	1541.2	755.9	395.9	314.1	252.0	219.2	196.3	186.5
42.5°	7574.9	6351.2	3484.8	1475.7	710.0	382.8	297.8	242.1	206.1	180.0	176.7
45°	7751.6	6537.7	3370.3	1423.4	674.1	389.4	291.2	229.0	196.3	173.4	160.3
47.5°	7709.1	6681.7	3399.7	1407.0	625.0	363.2	287.9	219.2	180.0	160.3	150.5
50°	7944.7	6972.9	3350.6	1354.7	589.0	327.2	314.1	219.2	176.7	153.8	144.0
52.5°	7984.0	7237.9	3455.4	1259.8	533.4	301.0	310.9	216.0	170.1	147.2	134.2
55°	8311.2	7545.5	3658.2	1207.4	487.5	261.8	284.7	209.4	153.8	134.2	127.6
57.5°	8756.2	8183.6	3789.1	1158.3	425.4	229.0	238.9	206.1	140.7	124.3	114.5
60°	9184.8	8438.8	3798.9	1070.0	366.5	206.1	186.5	206.1	130.9	111.3	101.4
62.5°	9505.5	8438.8	3733.5	994.7	320.7	183.2	163.6	196.3	117.8	98.2	91.6
65°	9332.1	8213.0	3563.3	932.6	291.2	160.3	140.7	150.5	104.7	85.1	78.5
67.5°	9021.2	7509.5	3187.0	857.3	287.9	140.7	121.1	111.3	91.6	75.3	68.7
70°	8523.9	6560.6	2653.7	772.2	281.4	127.6	108.0	94.9	81.8	65.4	58.9
72.5°	6868.2	5418.6	2179.2	723.1	274.9	111.3	91.6	81.8	68.7	55.6	49.1
75°	4757.7	3461.9	1678.6	618.4	268.3	101.4	85.1	72.0	58.9	45.8	42.5
77.5°	2853.3	2313.4	1083.1	464.6	176.7	81.8	72.0	55.6	49.1	39.3	36.0
80°	1335.0	1092.9	438.5	180.0	85.1	58.9	49.1	42.5	39.3	32.7	29.4
82.5°	523.5	461.4	212.7	104.7	68.7	45.8	39.3	36.0	32.7	26.2	22.9
85°	281.4	248.7	101.4	72.0	49.1	32.7	32.7	29.4	26.2	22.9	19.6
87.5°	62.2	45.8	42.5	42.5	36.0	26.2	26.2	22.9	19.6	16.4	13.1
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°	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1
2.5°	4044.3	4093.4	4014.9	4064.0	3995.2	4047.6	4054.1	4005.1	4018.2	4083.6	4113.0
5°	3445.5	3412.8	3340.8	3317.9	3321.2	3278.7	3295.0	3317.9	3353.9	3373.5	3432.4
7.5°	2483.5	2558.8	2555.5	2611.1	2614.4	2607.9	2562.1	2463.9	2496.6	2470.4	2503.2
10°	1776.8	1809.5	1871.6	1907.6	1973.1	1937.1	1832.4	1793.1	1773.5	1770.2	1802.9
12.5°	1420.1	1341.6	1335.0	1348.1	1380.8	1338.3	1285.9	1240.1	1263.0	1308.8	1344.8
15°	1099.4	1034.0	948.9	935.8	942.4	922.7	867.1	808.2	824.6	870.4	896.6
17.5°	844.2	768.9	710.0	670.8	657.7	589.0	507.2	458.1	445.0	441.7	464.6
20°	569.3	556.3	546.4	497.4	497.4	399.2	330.5	294.5	294.5	301.0	304.3
22.5°	425.4	409.0	412.3	402.5	376.3	297.8	261.8	252.0	252.0	258.5	258.5
25°	369.7	346.8	340.3	337.0	310.9	255.2	229.0	219.2	219.2	225.8	225.8
27.5°	314.1	307.6	297.8	284.7	261.8	219.2	202.9	193.1	196.3	199.6	196.3
30°	287.9	271.6	258.5	258.5	232.3	196.3	183.2	176.7	170.1	176.7	180.0
32.5°	255.2	245.4	238.9	229.0	199.6	173.4	160.3	153.8	150.5	150.5	153.8
35°	219.2	219.2	212.7	199.6	173.4	157.1	140.7	134.2	130.9	134.2	134.2
37.5°	196.3	186.5	189.8	176.7	153.8	137.4	121.1	114.5	114.5	111.3	114.5
40°	183.2	166.9	157.1	150.5	137.4	117.8	104.7	98.2	94.9	94.9	94.9
42.5°	163.6	150.5	130.9	127.6	124.3	101.4	85.1	81.8	78.5	75.3	75.3
45°	153.8	134.2	117.8	101.4	101.4	85.1	72.0	65.4	62.2	58.9	62.2
47.5°	140.7	121.1	101.4	85.1	81.8	68.7	55.6	49.1	45.8	45.8	45.8
50°	134.2	108.0	88.3	72.0	62.2	55.6	42.5	36.0	32.7	32.7	32.7
52.5°	124.3	101.4	78.5	62.2	49.1	42.5	32.7	26.2	22.9	22.9	22.9
55°	111.3	91.6	68.7	52.4	42.5	32.7	22.9	16.4	13.1	13.1	13.1
57.5°	104.7	81.8	58.9	45.8	32.7	22.9	13.1	9.8	9.8	6.5	9.8
60°	94.9	72.0	49.1	36.0	26.2	16.4	9.8	3.3	3.3	3.3	3.3
62.5°	81.8	62.2	42.5	29.4	19.6	9.8	3.3	0.0	0.0	0.0	0.0
65°	68.7	49.1	32.7	22.9	13.1	3.3	0.0	0.0	0.0	0.0	0.0
67.5°	58.9	42.5	26.2	16.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	52.4	36.0	19.6	13.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	42.5	29.4	16.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	36.0	22.9	9.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	29.4	16.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	22.9	13.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.6	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.1	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.8	3.3	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: P599386
 CATALOG NUMBER: IFLD-M-SA4B-722-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1	4607.1
2.5°	4155.6	4136.0	4234.1	4394.4	4476.2	4636.6	4675.8	4777.3	4751.1	4787.1
5°	3439.0	3478.3	3622.2	3857.8	3942.9	4175.2	4394.4	4613.7	4754.4	4823.1
7.5°	2552.2	2683.1	2859.8	3075.8	3295.0	3599.3	3972.3	4227.6	4365.0	4512.2
10°	1901.1	2041.8	2244.7	2457.4	2814.0	3154.3	3527.3	3844.7	3962.5	4100.0
12.5°	1495.4	1714.6	1950.2	2179.2	2391.9	2715.9	3177.2	3638.6	3766.2	3870.9
15°	1040.5	1308.8	1645.9	1943.6	2241.4	2522.8	3000.5	3560.1	3733.5	3910.2
17.5°	575.9	788.6	1174.7	1593.5	2032.0	2463.9	3059.4	3704.0	3965.8	4090.1
20°	333.8	418.8	693.7	1191.0	1770.2	2336.3	3088.9	3975.6	4322.5	4384.6
22.5°	274.9	304.3	392.7	746.0	1449.5	2254.5	3239.4	4355.2	4708.6	4855.8
25°	235.6	258.5	304.3	448.3	1096.2	2081.1	3334.3	4829.6	5156.8	5317.2
27.5°	209.4	232.3	268.3	330.5	746.0	1842.2	3491.3	5258.3	5585.5	5804.7
30°	183.2	202.9	238.9	281.4	517.0	1573.9	3625.5	5572.4	6033.8	6102.5
32.5°	163.6	180.0	206.1	242.1	382.8	1194.3	3733.5	5896.3	6285.7	6436.2
35°	140.7	160.3	176.7	206.1	291.2	899.8	3668.0	6148.3	6655.5	6835.4
37.5°	124.3	137.4	153.8	173.4	245.4	703.5	3533.9	6449.3	6972.9	7139.7
40°	104.7	114.5	134.2	153.8	222.5	543.2	3380.1	6812.5	7417.9	7712.4
42.5°	88.3	98.2	111.3	144.0	183.2	402.5	3069.2	7093.9	7777.8	8026.5
45°	68.7	81.8	101.4	144.0	147.2	297.8	2748.6	7303.4	7980.7	8105.0
47.5°	52.4	65.4	98.2	124.3	117.8	206.1	2369.0	7542.2	8190.1	8304.6
50°	39.3	52.4	111.3	108.0	98.2	157.1	2130.1	7709.1	8203.2	8265.4
52.5°	26.2	39.3	91.6	81.8	81.8	137.4	2064.7	7702.6	8235.9	8101.8
55°	19.6	29.4	52.4	58.9	72.0	121.1	2005.8	7948.0	8245.7	8340.6
57.5°	13.1	22.9	36.0	45.8	62.2	104.7	1884.7	8242.5	8550.0	8599.1
60°	6.5	16.4	26.2	36.0	52.4	91.6	1714.6	8458.4	8919.8	8972.1
62.5°	3.3	9.8	19.6	29.4	42.5	72.0	1537.9	8114.8	8759.4	8851.1
65°	0.0	6.5	13.1	19.6	26.2	52.4	1249.9	7326.3	8124.7	8461.7
67.5°	0.0	0.0	6.5	13.1	16.4	39.3	942.4	6665.3	7538.9	7997.0
70°	0.0	0.0	3.3	3.3	9.8	29.4	602.1	5520.1	6730.7	6982.7
72.5°	0.0	0.0	0.0	0.0	3.3	19.6	350.1	4100.0	5274.6	5742.6
75°	0.0	0.0	0.0	0.0	0.0	16.4	176.7	2637.3	3671.3	4299.6
77.5°	0.0	0.0	0.0	0.0	0.0	13.1	94.9	1701.5	2706.0	3232.8
80°	0.0	0.0	0.0	0.0	0.0	3.3	55.6	988.2	1730.9	2097.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	22.9	484.3	1034.0	1210.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	6.5	258.5	517.0	680.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	36.0	68.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)