

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: P598867

Luminaire Tested: **IFLD-M-SA4E-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598867
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4E-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

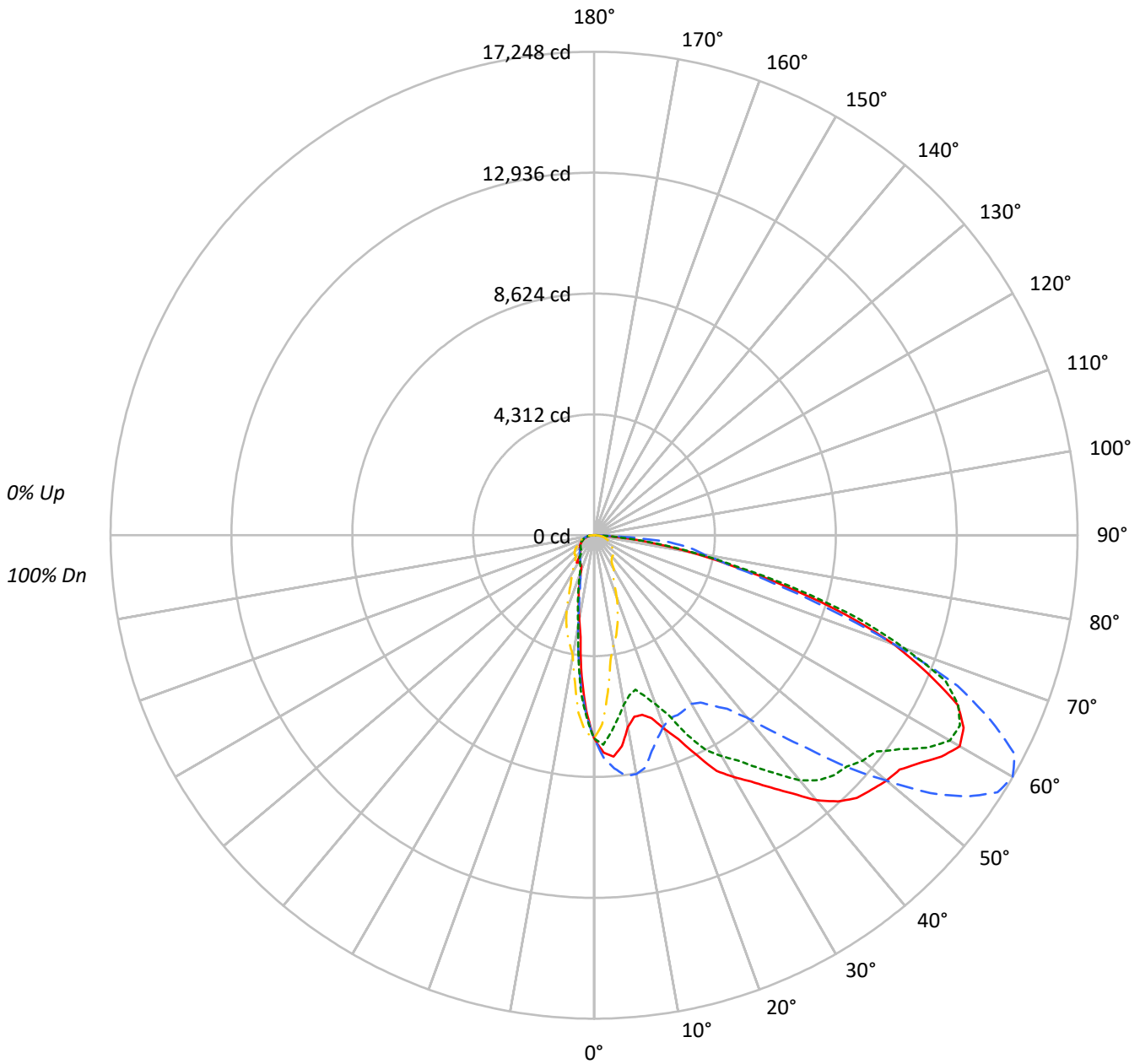
Lumens per Lamp: N/A
 Luminaire Lumens: 22684.1 lumens
 Efficiency: N/A
 Efficacy: 72.1 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 314.8
 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	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	80	80	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	62	62	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	50	50	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	40	40	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	34	34	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	29	29	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	25	25	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	22	22	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	19	19	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	17	17	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	77987	77987	77987	77987
5°	85678	76110	54582	59583
10°	75890	66981	33106	35526
15°	73898	63581	23436	24333
20°	84260	73539	15330	16944
25°	102661	93220	13385	13864
30°	123696	113064	13883	12883
35°	144261	132757	11504	10842
40°	173351	160342	10746	10180
45°	201739	184276	10876	10109
50°	227991	209455	11121	10448
55°	265889	249648	11519	10952
60°	324295	315413	11481	11481
65°	364452	364964	11790	12302
70°	358178	370845	12349	12667
75°	295458	315129	12971	13812
80°	213328	223928	14344	14970
85°	118068	126763	16154	19884

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	562.9	2.5
10°-20°	1188.4	5.2
20°-30°	1738.7	7.7
30°-40°	2449.8	10.8
40°-50°	3366.7	14.8
50°-60°	4588.4	20.2
60°-70°	5021.8	22.1
70°-80°	2899.3	12.8
80°-90°	868.2	3.8
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°	3489.9	15.4
0°-40°	5939.7	26.2
0°-60°	13894.8	61.3
0°-90°	22684.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22684.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7245	7245	7245	7245	7245	
5°	7930	7044	5052	5514	7930	720
15°	6631	5706	2103	2184	6631	1937
25°	8644	7849	1127	1167	8644	4048
35°	10978	10103	876	825	10978	6961
45°	13253	12106	714	664	13253	10186
55°	14168	13303	614	584	14168	12784
65°	14309	14329	463	483	14309	13696
75°	7104	7577	312	332	7104	7631
85°	956	1026	131	161	956	1326
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2
2.5°	7758.4	7728.2	7758.4	7869.1	7899.3	7949.6	7949.6	7879.1	7748.3	7688.0	7587.3
5°	7929.5	7879.1	8130.7	8362.2	8543.3	8523.2	8352.1	8211.2	7949.6	7557.1	7184.8
7.5°	7587.3	7637.6	7818.8	8422.5	8845.2	8925.7	8654.0	8372.2	7808.7	7265.3	6762.2
10°	6943.3	7013.7	7406.2	8030.1	8694.2	8825.0	8654.0	8311.8	7637.6	6963.4	6379.8
12.5°	6631.4	6792.4	7023.8	7778.5	8251.5	8563.4	8482.9	8261.5	7506.8	6711.9	6148.3
15°	6631.4	6671.6	7013.7	7647.7	7919.4	7929.5	7959.6	7999.9	7547.1	6822.6	6067.8
17.5°	6842.7	6953.4	7245.2	7637.6	7688.0	7567.2	7567.2	7738.3	7627.6	7134.5	6359.7
20°	7355.9	7315.6	7698.0	7859.0	7587.3	7285.4	7255.3	7547.1	7718.1	7466.6	6893.0
22.5°	7869.1	8050.2	8362.2	7999.9	7496.8	7094.2	7054.0	7416.3	7989.8	8040.1	7506.8
25°	8643.9	8825.0	8986.0	8543.3	7486.7	7043.9	7074.1	7355.9	8321.9	8855.2	8533.2
27.5°	9479.1	9589.8	9821.3	9137.0	7728.2	6983.6	7013.7	7436.4	8633.9	9388.6	9338.2
30°	9952.1	10072.8	10022.5	9247.7	7889.2	7023.8	6943.3	7547.1	8462.8	9388.6	9861.5
32.5°	10415.0	10344.5	10314.3	9428.8	8090.5	7275.4	7074.1	7778.5	8563.4	9539.5	10535.7
35°	10978.5	10877.8	10797.3	9781.0	8422.5	7516.9	7426.3	8080.4	8784.8	9851.4	11079.1
37.5°	11602.4	11602.4	11209.9	10042.6	8815.0	7909.3	7808.7	8513.1	9137.0	10042.6	11823.7
40°	12337.0	12367.1	11672.8	10394.8	9257.7	8533.2	8503.0	9076.6	9479.1	10324.4	12538.2
42.5°	12880.3	12900.5	12075.3	10525.7	9770.9	9398.6	9529.4	9982.3	9871.6	10576.0	12588.5
45°	13252.7	13152.0	12357.1	10898.0	10334.5	10696.7	10737.0	10867.8	10384.8	10726.9	12789.8
47.5°	13433.8	13413.7	12477.8	11330.7	11521.9	12014.9	12246.4	12065.3	10857.7	10565.9	12789.8
50°	13614.9	13443.9	12588.5	11924.4	12679.1	13675.3	13625.0	13292.9	11511.8	10767.2	12598.6
52.5°	13735.7	13584.7	12809.9	12457.7	13786.0	14913.0	15114.3	14500.4	12276.6	11139.5	12689.1
55°	14168.4	14047.6	13474.0	13182.2	15064.0	16221.2	16251.4	15396.0	13081.6	11753.3	13282.9
57.5°	14691.6	14762.1	14389.8	14208.6	16040.0	17177.1	17066.5	16060.2	13765.9	12498.0	13967.1
60°	15064.0	15174.7	15084.1	15104.2	16523.1	17499.1	17247.6	16472.7	14269.0	13061.5	14802.3
62.5°	14862.7	15084.1	15456.4	15375.9	16543.2	17267.7	16915.5	15929.4	14329.4	13796.1	15436.3
65°	14309.3	14329.4	15053.9	15496.7	15637.5	16070.2	15607.3	14792.3	13705.5	14248.9	15345.7
67.5°	12890.4	13051.4	13705.5	14570.9	13977.2	14077.8	14037.6	12860.2	12759.6	13936.9	14651.4
70°	11381.0	11491.7	12206.1	13222.5	11803.6	11330.7	11421.2	10545.8	10958.4	12970.9	13252.7
72.5°	9408.7	9479.1	10294.2	11189.8	9469.1	8623.8	8835.1	8120.7	8704.3	11350.8	11179.7
75°	7104.3	7235.1	7869.1	8925.7	6973.5	6430.1	6641.4	6349.6	6893.0	9348.3	8674.1
77.5°	5051.5	4950.9	5735.8	6983.6	5242.7	4920.7	4940.8	4991.1	5574.8	7879.1	6228.9
80°	3441.5	3471.7	4176.0	5121.9	4115.7	4065.4	4015.0	4417.6	4679.2	6238.9	4528.2
82.5°	2042.7	2042.7	2817.6	3642.7	3250.3	3662.8	3431.4	3793.7	3662.8	4588.6	2968.5
85°	956.0	956.0	1449.0	2626.4	2515.7	3018.8	2566.0	2867.9	2706.9	3200.0	1338.3
87.5°	161.0	140.9	291.8	1288.0	1036.5	1177.3	462.9	1529.5	1700.6	2233.9	332.1
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2
2.5°	7476.6	7406.2	7265.3	7084.2	6933.2	6742.1	6681.7	6550.9	6369.7	6349.6	6269.1
5°	7043.9	6802.4	6500.5	6128.2	5876.7	5615.0	5393.6	5262.8	5111.9	5091.8	5051.5
7.5°	6571.0	6269.1	5766.0	5323.2	4890.5	4477.9	4276.7	4025.1	3854.0	3723.2	3662.8
10°	6128.2	5846.5	5222.6	4618.8	4236.4	3964.7	3723.2	3461.6	3250.3	3089.3	3028.9
12.5°	5836.4	5504.3	4830.1	4256.5	3974.8	3662.8	3391.2	3109.4	2837.7	2626.4	2515.7
15°	5705.6	5393.6	4709.4	4075.4	3662.8	3230.1	2918.2	2636.4	2304.4	2153.4	2103.1
17.5°	6017.5	5554.6	4669.1	3864.1	3280.5	2787.4	2405.0	2103.1	1861.6	1710.7	1650.3
20°	6420.0	5846.5	4739.6	3612.5	2918.2	2364.7	1942.1	1620.1	1459.1	1348.4	1338.3
22.5°	6933.2	6279.2	4850.3	3431.4	2515.7	1901.9	1519.5	1328.3	1217.6	1207.5	1187.4
25°	7849.0	7064.1	5031.4	3189.9	2193.7	1569.8	1298.1	1187.4	1137.1	1106.9	1127.0
27.5°	8633.9	7577.3	5162.2	3039.0	2062.9	1479.2	1257.8	1137.1	1086.8	1076.7	1086.8
30°	9096.7	8050.2	5121.9	2757.2	1801.2	1408.8	1338.3	1298.1	1197.5	1117.0	1117.0
32.5°	9519.4	8352.1	5111.9	2505.6	1539.6	1177.3	1117.0	1086.8	1147.2	1187.4	1157.2
35°	10103.0	8825.0	5081.7	2364.7	1428.9	1086.8	986.2	905.6	865.4	845.3	875.5
37.5°	10726.9	9147.1	5001.2	2344.6	1368.5	1036.5	956.0	875.5	835.2	815.1	805.0
40°	11411.2	9489.2	4910.6	2244.0	1338.3	1006.3	925.8	855.3	805.0	774.8	764.8
42.5°	11853.9	9760.9	4820.1	2193.7	1278.0	986.2	895.6	835.2	784.9	744.6	744.6
45°	12105.5	10082.9	4729.5	2143.4	1207.5	996.2	895.6	815.1	754.7	734.6	714.5
47.5°	12216.2	10324.4	4699.3	2062.9	1147.2	956.0	875.5	795.0	734.6	694.3	684.3
50°	12508.0	10837.6	4810.0	2002.5	1076.7	915.7	925.8	784.9	724.5	674.2	664.1
52.5°	12679.1	11250.2	5051.5	1911.9	1026.4	865.4	905.6	764.8	694.3	644.0	644.0
55°	13303.0	11934.4	5313.1	1841.5	966.0	795.0	835.2	724.5	644.0	613.8	613.8
57.5°	14097.9	12659.0	5534.5	1811.3	925.8	744.6	744.6	704.4	613.8	573.6	563.5
60°	14651.4	13252.7	5665.3	1791.2	885.5	694.3	664.1	704.4	583.6	543.4	533.3
62.5°	14711.8	12910.5	5534.5	1781.1	875.5	644.0	603.8	674.2	553.5	513.2	493.1
65°	14329.4	12216.2	5172.3	1740.9	865.4	593.7	563.5	583.6	513.2	483.0	462.9
67.5°	13564.6	11089.2	4649.0	1720.7	855.3	553.5	513.2	503.1	472.9	442.8	422.6
70°	11783.5	9620.0	4035.2	1630.2	835.2	523.3	462.9	452.8	422.6	402.5	392.4
72.5°	9891.7	7869.1	3330.8	1509.4	795.0	472.9	422.6	402.5	392.4	362.3	352.2
75°	7577.3	6057.8	2666.6	1338.3	694.3	422.6	372.3	352.2	342.1	322.0	311.9
77.5°	5323.2	4508.1	1972.3	1086.8	583.6	382.4	332.1	311.9	301.9	271.7	271.7
80°	3612.5	3159.7	1338.3	754.7	452.8	311.9	291.8	271.7	251.6	231.4	231.4
82.5°	2244.0	2213.8	966.0	493.1	332.1	251.6	231.4	231.4	201.3	181.1	181.1
85°	1026.4	1358.5	674.2	342.1	251.6	191.2	191.2	181.1	161.0	130.8	130.8
87.5°	322.0	452.8	352.2	150.9	140.9	110.7	110.7	100.6	100.6	80.5	80.5
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°	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2
2.5°	6349.6	6339.5	6339.5	6299.3	6399.9	6399.9	6460.3	6410.0	6440.2	6450.2	6530.7
5°	5041.4	5121.9	5182.3	5303.1	5373.5	5403.7	5403.7	5484.2	5454.0	5514.4	5635.1
7.5°	3693.0	3793.7	3974.8	4125.7	4246.5	4286.7	4276.7	4296.8	4327.0	4256.5	4276.7
10°	2988.6	2918.2	2978.6	3119.5	3230.1	3361.0	3260.3	3250.3	3280.5	3250.3	3310.6
12.5°	2495.6	2415.1	2364.7	2364.7	2445.3	2505.6	2475.4	2525.8	2636.4	2666.6	2737.1
15°	2022.6	1952.2	1911.9	1861.6	1942.1	1962.2	1992.4	2062.9	2143.4	2183.6	2264.1
17.5°	1620.1	1620.1	1620.1	1579.9	1610.0	1640.2	1650.3	1740.9	1750.9	1791.2	1821.4
20°	1328.3	1358.5	1408.8	1428.9	1459.1	1459.1	1439.0	1489.3	1449.0	1479.2	1499.4
22.5°	1197.5	1237.7	1257.8	1267.9	1308.2	1318.2	1267.9	1278.0	1288.0	1257.8	1267.9
25°	1127.0	1147.2	1127.0	1137.1	1147.2	1127.0	1137.1	1157.2	1147.2	1167.3	1157.2
27.5°	1096.8	1076.7	1066.7	1056.6	1056.6	1036.5	1046.5	1046.5	1066.7	1076.7	1076.7
30°	1096.8	1066.7	1026.4	996.2	996.2	966.0	986.2	1006.3	1016.3	1036.5	1036.5
32.5°	1127.0	1066.7	996.2	966.0	935.8	915.7	935.8	966.0	1006.3	1016.3	1026.4
35°	895.6	925.8	915.7	875.5	865.4	865.4	855.3	855.3	825.1	825.1	815.1
37.5°	805.0	795.0	815.1	825.1	835.2	805.0	805.0	764.8	754.7	764.8	764.8
40°	754.7	754.7	754.7	784.9	795.0	774.8	744.6	724.5	724.5	724.5	734.6
42.5°	734.6	714.5	704.4	724.5	754.7	734.6	704.4	694.3	694.3	704.4	704.4
45°	704.4	694.3	684.3	674.2	714.5	684.3	674.2	664.1	664.1	664.1	674.2
47.5°	674.2	664.1	644.0	644.0	654.1	644.0	634.0	634.0	634.0	654.1	654.1
50°	654.1	644.0	623.9	623.9	623.9	623.9	613.8	613.8	613.8	623.9	634.0
52.5°	623.9	613.8	603.8	593.7	593.7	593.7	593.7	593.7	593.7	603.8	613.8
55°	593.7	583.6	573.6	573.6	583.6	583.6	573.6	583.6	573.6	583.6	593.7
57.5°	563.5	553.5	543.4	553.5	563.5	553.5	553.5	553.5	553.5	553.5	563.5
60°	523.3	523.3	523.3	523.3	543.4	543.4	543.4	543.4	523.3	533.3	543.4
62.5°	503.1	493.1	493.1	503.1	513.2	513.2	523.3	513.2	503.1	513.2	513.2
65°	462.9	462.9	462.9	472.9	472.9	483.0	483.0	483.0	472.9	483.0	483.0
67.5°	432.7	432.7	432.7	432.7	452.8	452.8	452.8	452.8	442.8	442.8	452.8
70°	382.4	392.4	382.4	402.5	422.6	412.6	422.6	422.6	412.6	402.5	422.6
72.5°	352.2	352.2	352.2	352.2	382.4	382.4	382.4	392.4	382.4	372.3	382.4
75°	311.9	311.9	311.9	322.0	342.1	342.1	342.1	342.1	342.1	332.1	332.1
77.5°	271.7	281.8	271.7	281.8	301.9	291.8	301.9	311.9	301.9	291.8	291.8
80°	231.4	231.4	231.4	241.5	251.6	251.6	251.6	261.6	251.6	241.5	241.5
82.5°	181.1	181.1	191.2	191.2	201.3	201.3	201.3	211.3	201.3	191.2	191.2
85°	140.9	140.9	140.9	150.9	150.9	161.0	161.0	171.1	171.1	161.0	161.0
87.5°	90.6	80.5	90.6	90.6	100.6	100.6	90.6	80.5	90.6	80.5	70.4
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: P598867
 CATALOG NUMBER: IFLD-M-SA4E-722-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2	7245.2
2.5°	6611.2	6792.4	6923.2	7013.7	7144.6	7396.1	7496.8	7677.9	7728.2	7758.4
5°	5685.5	5876.7	6158.4	6359.7	6591.1	7064.1	7426.3	7698.0	7818.8	7929.5
7.5°	4457.8	4709.4	5001.2	5262.8	5645.2	6228.9	6701.8	7265.3	7476.6	7587.3
10°	3481.7	3713.2	4035.2	4357.2	4890.5	5383.6	6057.8	6571.0	6862.8	6943.3
12.5°	2938.3	3210.0	3592.4	3984.9	4316.9	4880.4	5564.7	6309.4	6581.0	6631.4
15°	2495.6	2867.9	3260.3	3662.8	4045.2	4538.3	5272.9	6178.5	6581.0	6631.4
17.5°	2062.9	2394.9	2857.8	3290.5	3733.3	4407.5	5323.2	6289.2	6691.7	6842.7
20°	1640.2	1962.2	2324.5	2867.9	3471.7	4186.1	5433.9	6661.6	7194.9	7355.9
22.5°	1358.5	1499.4	1851.5	2374.8	3089.3	4035.2	5544.6	7245.2	7808.7	7869.1
25°	1187.4	1288.0	1509.4	2002.5	2787.4	3934.5	5806.2	7919.4	8643.9	8643.9
27.5°	1106.9	1147.2	1298.1	1740.9	2576.1	3844.0	6067.8	8664.0	9338.2	9479.1
30°	1086.8	1187.4	1267.9	1549.7	2344.6	3592.4	6309.4	9247.7	9942.0	9952.1
32.5°	1066.7	1046.5	1106.9	1348.4	2062.9	3330.8	6510.6	9841.4	10384.8	10415.0
35°	835.2	875.5	976.1	1187.4	1851.5	3139.6	6611.2	10163.4	10948.3	10978.5
37.5°	784.9	835.2	915.7	1096.8	1710.7	2978.6	6641.4	10787.3	11542.0	11602.4
40°	764.8	805.0	865.4	1016.3	1600.0	2777.3	6701.8	11431.3	12417.5	12337.0
42.5°	724.5	774.8	835.2	976.1	1509.4	2626.4	6711.9	11783.5	12880.3	12880.3
45°	714.5	744.6	815.1	976.1	1408.8	2495.6	6550.9	12135.7	13413.7	13252.7
47.5°	674.2	734.6	795.0	945.9	1288.0	2364.7	6359.7	12316.8	13484.1	13433.8
50°	664.1	724.5	825.1	895.6	1217.6	2304.4	6319.4	12769.6	13625.0	13614.9
52.5°	644.0	704.4	855.3	855.3	1127.0	2223.9	6510.6	12970.9	13655.2	13735.7
55°	613.8	704.4	795.0	784.9	1046.5	2123.2	6721.9	13494.2	14188.5	14168.4
57.5°	593.7	684.3	754.7	714.5	956.0	2052.8	7033.9	13997.3	14832.5	14691.6
60°	563.5	684.3	674.2	664.1	885.5	1992.4	7295.5	14097.9	14973.4	15064.0
62.5°	543.4	714.5	593.7	613.8	825.1	1962.2	7184.8	13343.2	14782.2	14862.7
65°	523.3	613.8	543.4	563.5	805.0	1901.9	6752.1	12437.6	13957.1	14309.3
67.5°	483.0	503.1	503.1	523.3	784.9	1761.0	5866.6	10807.4	12699.2	12890.4
70°	442.8	452.8	452.8	483.0	764.8	1600.0	4840.2	9348.3	11018.7	11381.0
72.5°	402.5	402.5	402.5	442.8	704.4	1469.2	3984.9	7184.8	9157.1	9408.7
75°	352.2	352.2	352.2	392.4	634.0	1338.3	3139.6	5343.3	6742.1	7104.3
77.5°	311.9	311.9	301.9	352.2	553.5	1086.8	2264.1	3773.5	4749.6	5051.5
80°	261.6	251.6	251.6	281.8	432.7	784.9	1459.1	2666.6	3310.6	3441.5
82.5°	211.3	201.3	191.2	211.3	311.9	493.1	905.6	1861.6	2123.2	2042.7
85°	201.3	211.3	171.1	161.0	221.4	322.0	573.6	1147.2	956.0	956.0
87.5°	80.5	70.4	70.4	60.4	110.7	120.8	251.6	211.3	161.0	161.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)