

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: P598952

Luminaire Tested: **IFLD-M-SA4C-735-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598952
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-735-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

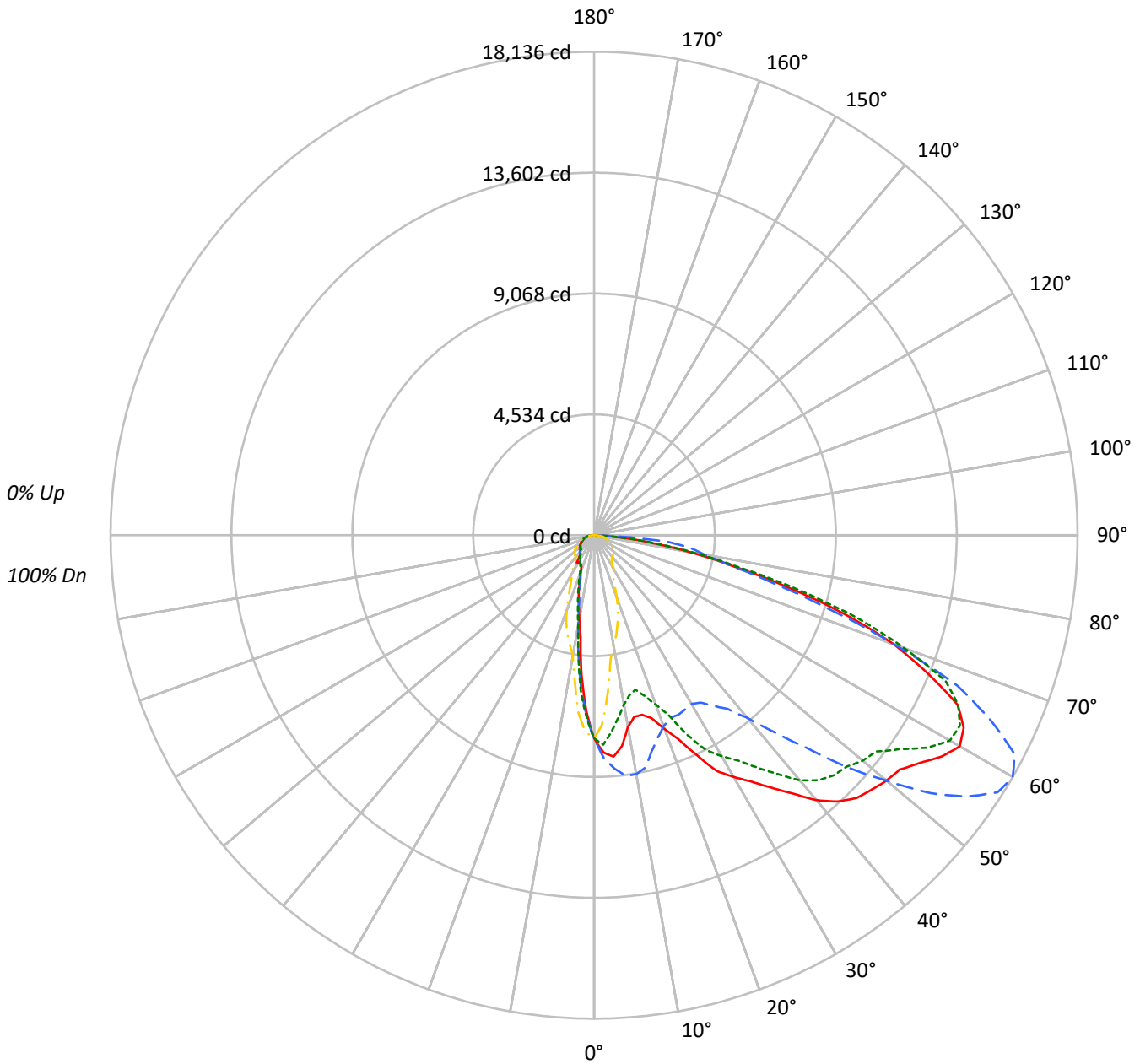
Lumens per Lamp: N/A
 Luminaire Lumens: 23852.8 lumens
 Efficiency: N/A
 Efficacy: 109.4 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 218.1
 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°	82004	82004	82004	82004
5°	90092	80031	57393	62653
10°	79800	70432	34811	37355
15°	77704	66856	24644	25587
20°	88600	77329	16120	17817
25°	107949	98022	14075	14577
30°	130068	118889	14598	13546
35°	151693	139596	12097	11402
40°	182280	168601	11300	10704
45°	212131	193768	11437	10631
50°	239736	220246	11695	10985
55°	279586	262509	12114	11517
60°	341001	331662	12073	12073
65°	383226	383766	12396	12936
70°	376630	389949	12988	13319
75°	310679	331361	13641	14523
80°	224318	235464	15088	15738
85°	124144	133296	16994	20909

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	591.9	2.5
10°-20°	1249.6	5.2
20°-30°	1828.3	7.7
30°-40°	2576.0	10.8
40°-50°	3540.1	14.8
50°-60°	4824.8	20.2
60°-70°	5280.5	22.1
70°-80°	3048.7	12.8
80°-90°	912.9	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°	3669.7	15.4
0°-40°	6245.7	26.2
0°-60°	14610.6	61.3
0°-90°	23852.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23852.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7618	7618	7618	7618	7618	
5°	8338	7407	5312	5798	8338	757
15°	6973	6000	2212	2296	6973	2037
25°	9089	8253	1185	1227	9089	4256
35°	11544	10624	921	868	11544	7320
45°	13935	12729	751	698	13935	10710
55°	14898	13988	646	614	14898	13443
65°	15046	15068	487	508	15046	14401
75°	7470	7968	328	349	7470	8025
85°	1005	1079	138	169	1005	1395
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°	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4
2.5°	8158.1	8126.3	8158.1	8274.5	8306.2	8359.1	8359.1	8285.1	8147.5	8084.0	7978.2
5°	8338.0	8285.1	8549.6	8793.0	8983.4	8962.2	8782.4	8634.2	8359.1	7946.5	7555.0
7.5°	7978.2	8031.1	8221.6	8856.4	9300.8	9385.5	9099.8	8803.5	8211.0	7639.6	7110.5
10°	7301.0	7375.1	7787.7	8443.8	9142.1	9279.7	9099.8	8740.0	8031.1	7322.2	6708.5
12.5°	6973.0	7142.3	7385.7	8179.2	8676.6	9004.6	8919.9	8687.1	7893.6	7057.6	6465.1
15°	6973.0	7015.3	7375.1	8041.7	8327.4	8338.0	8369.7	8412.0	7935.9	7174.0	6380.4
17.5°	7195.2	7311.6	7618.4	8031.1	8084.0	7957.0	7957.0	8136.9	8020.5	7502.0	6687.3
20°	7734.8	7692.5	8094.6	8263.9	7978.2	7660.8	7629.0	7935.9	8115.8	7851.2	7248.1
22.5°	8274.5	8464.9	8793.0	8412.0	7883.0	7459.7	7417.4	7798.3	8401.4	8454.4	7893.6
25°	9089.2	9279.7	9449.0	8983.4	7872.4	7406.8	7438.6	7734.8	8750.6	9311.4	8972.8
27.5°	9967.5	10083.9	10327.2	9607.7	8126.3	7343.3	7375.1	7819.5	9078.6	9872.2	9819.3
30°	10464.8	10591.7	10538.8	9724.1	8295.6	7385.7	7301.0	7935.9	8898.8	9872.2	10369.5
32.5°	10951.5	10877.4	10845.7	9914.6	8507.3	7650.2	7438.6	8179.2	9004.6	10030.9	11078.5
35°	11544.1	11438.2	11353.6	10284.9	8856.4	7904.1	7808.9	8496.7	9237.4	10359.0	11649.9
37.5°	12200.1	12200.1	11787.4	10560.0	9269.1	8316.8	8211.0	8951.7	9607.7	10560.0	12432.9
40°	12972.5	13004.3	12274.2	10930.3	9734.7	8972.8	8941.1	9544.2	9967.5	10856.3	13184.1
42.5°	13543.9	13565.1	12697.4	11067.9	10274.3	9882.8	10020.4	10496.5	10380.1	11120.8	13237.0
45°	13935.4	13829.6	12993.7	11459.4	10866.9	11247.8	11290.1	11427.7	10919.8	11279.5	13448.7
47.5°	14125.9	14104.7	13120.6	11914.4	12115.4	12633.9	12877.3	12686.8	11417.1	11110.2	13448.7
50°	14316.3	14136.4	13237.0	12538.7	13332.3	14379.8	14326.9	13977.7	12104.9	11321.8	13247.6
52.5°	14443.3	14284.6	13469.8	13099.5	14496.2	15681.3	15892.9	15247.5	12909.0	11713.4	13342.9
55°	14898.3	14771.3	14168.2	13861.3	15840.0	17056.8	17088.6	16189.2	13755.5	12358.8	13967.1
57.5°	15448.5	15522.6	15131.1	14940.6	16866.4	18062.1	17945.7	16887.5	14475.0	13141.8	14686.7
60°	15840.0	15956.4	15861.2	15882.3	17374.3	18400.7	18136.1	17321.4	15004.1	13734.4	15564.9
62.5°	15628.4	15861.2	16252.7	16168.0	17395.4	18157.3	17786.9	16750.0	15067.6	14506.8	16231.5
65°	15046.4	15067.6	15829.4	16295.0	16443.1	16898.1	16411.4	15554.3	14411.6	14982.9	16136.3
67.5°	13554.5	13723.8	14411.6	15321.5	14697.2	14803.1	14760.7	13522.7	13416.9	14654.9	15406.2
70°	11967.3	12083.7	12835.0	13903.7	12411.7	11914.4	12009.6	11089.1	11522.9	13639.1	13935.4
72.5°	9893.4	9967.5	10824.5	11766.3	9956.9	9068.1	9290.3	8539.0	9152.7	11935.6	11755.7
75°	7470.3	7607.9	8274.5	9385.5	7332.7	6761.4	6983.6	6676.7	7248.1	9829.9	9121.0
77.5°	5311.7	5205.9	6031.3	7343.3	5512.8	5174.2	5195.4	5248.3	5862.0	8285.1	6549.7
80°	3618.8	3650.5	4391.2	5385.8	4327.7	4274.8	4221.9	4645.1	4920.2	6560.3	4761.5
82.5°	2148.0	2148.0	2962.7	3830.4	3417.7	3851.5	3608.2	3989.1	3851.5	4825.0	3121.4
85°	1005.2	1005.2	1523.7	2761.7	2645.3	3174.4	2698.2	3015.6	2846.3	3364.8	1407.3
87.5°	169.3	148.1	306.9	1354.4	1089.9	1238.0	486.7	1608.3	1788.2	2349.0	349.2
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°	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4
2.5°	7861.8	7787.7	7639.6	7449.1	7290.4	7089.4	7025.9	6888.3	6697.9	6676.7	6592.1
5°	7406.8	7152.9	6835.4	6443.9	6179.4	5904.3	5671.5	5534.0	5375.2	5354.1	5311.7
7.5°	6909.5	6592.1	6063.0	5597.4	5142.4	4708.6	4497.0	4232.5	4052.6	3915.0	3851.5
10°	6443.9	6147.7	5491.6	4856.8	4454.7	4169.0	3915.0	3639.9	3417.7	3248.4	3184.9
12.5°	6137.1	5787.9	5079.0	4475.8	4179.6	3851.5	3565.9	3269.6	2983.9	2761.7	2645.3
15°	5999.5	5671.5	4952.0	4285.4	3851.5	3396.6	3068.5	2772.3	2423.1	2264.4	2211.5
17.5°	6327.5	5840.8	4909.7	4063.2	3449.5	2931.0	2528.9	2211.5	1957.5	1798.8	1735.3
20°	6750.8	6147.7	4983.7	3798.6	3068.5	2486.6	2042.2	1703.6	1534.3	1417.9	1407.3
22.5°	7290.4	6602.6	5100.1	3608.2	2645.3	1999.8	1597.8	1396.7	1280.3	1269.7	1248.6
25°	8253.3	7428.0	5290.6	3354.2	2306.7	1650.7	1365.0	1248.6	1195.7	1163.9	1185.1
27.5°	9078.6	7967.6	5428.1	3195.5	2169.1	1555.4	1322.6	1195.7	1142.8	1132.2	1142.8
30°	9565.4	8464.9	5385.8	2899.2	1894.0	1481.4	1407.3	1365.0	1259.2	1174.5	1174.5
32.5°	10009.8	8782.4	5375.2	2634.7	1618.9	1238.0	1174.5	1142.8	1206.3	1248.6	1216.8
35°	10623.5	9279.7	5343.5	2486.6	1502.5	1142.8	1037.0	952.3	910.0	888.8	920.6
37.5°	11279.5	9618.3	5258.8	2465.4	1439.0	1089.9	1005.2	920.6	878.2	857.1	846.5
40°	11999.0	9978.0	5163.6	2359.6	1407.3	1058.1	973.5	899.4	846.5	814.7	804.2
42.5°	12464.6	10263.7	5068.4	2306.7	1343.8	1037.0	941.7	878.2	825.3	783.0	783.0
45°	12729.1	10602.3	4973.1	2253.8	1269.7	1047.5	941.7	857.1	793.6	772.4	751.3
47.5°	12845.5	10856.3	4941.4	2169.1	1206.3	1005.2	920.6	835.9	772.4	730.1	719.5
50°	13152.4	11395.9	5057.8	2105.7	1132.2	962.9	973.5	825.3	761.8	708.9	698.4
52.5°	13332.3	11829.7	5311.7	2010.4	1079.3	910.0	952.3	804.2	730.1	677.2	677.2
55°	13988.3	12549.3	5586.9	1936.4	1015.8	835.9	878.2	761.8	677.2	645.5	645.5
57.5°	14824.2	13311.1	5819.6	1904.6	973.5	783.0	783.0	740.7	645.5	603.1	592.5
60°	15406.2	13935.4	5957.2	1883.4	931.1	730.1	698.4	740.7	613.7	571.4	560.8
62.5°	15469.7	13575.6	5819.6	1872.9	920.6	677.2	634.9	708.9	582.0	539.6	518.5
65°	15067.6	12845.5	5438.7	1830.5	910.0	624.3	592.5	613.7	539.6	507.9	486.7
67.5°	14263.4	11660.4	4888.5	1809.4	899.4	582.0	539.6	529.1	497.3	465.6	444.4
70°	12390.5	10115.6	4243.0	1714.1	878.2	550.2	486.7	476.2	444.4	423.2	412.7
72.5°	10401.3	8274.5	3502.4	1587.2	835.9	497.3	444.4	423.2	412.7	380.9	370.3
75°	7967.6	6369.9	2804.0	1407.3	730.1	444.4	391.5	370.3	359.8	338.6	328.0
77.5°	5597.4	4740.4	2073.9	1142.8	613.7	402.1	349.2	328.0	317.4	285.7	285.7
80°	3798.6	3322.5	1407.3	793.6	476.2	328.0	306.9	285.7	264.5	243.4	243.4
82.5°	2359.6	2327.9	1015.8	518.5	349.2	264.5	243.4	243.4	211.6	190.5	190.5
85°	1079.3	1428.5	708.9	359.8	264.5	201.0	201.0	190.5	169.3	137.6	137.6
87.5°	338.6	476.2	370.3	158.7	148.1	116.4	116.4	105.8	105.8	84.6	84.6
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°	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4
2.5°	6676.7	6666.1	6666.1	6623.8	6729.6	6729.6	6793.1	6740.2	6771.9	6782.5	6867.2
5°	5301.2	5385.8	5449.3	5576.3	5650.3	5682.1	5682.1	5766.7	5735.0	5798.5	5925.5
7.5°	3883.3	3989.1	4179.6	4338.3	4465.3	4507.6	4497.0	4518.2	4549.9	4475.8	4497.0
10°	3142.6	3068.5	3132.0	3280.2	3396.6	3534.1	3428.3	3417.7	3449.5	3417.7	3481.2
12.5°	2624.1	2539.5	2486.6	2486.6	2571.2	2634.7	2603.0	2655.9	2772.3	2804.0	2878.1
15°	2126.8	2052.7	2010.4	1957.5	2042.2	2063.3	2095.1	2169.1	2253.8	2296.1	2380.8
17.5°	1703.6	1703.6	1703.6	1661.2	1693.0	1724.7	1735.3	1830.5	1841.1	1883.4	1915.2
20°	1396.7	1428.5	1481.4	1502.5	1534.3	1534.3	1513.1	1566.0	1523.7	1555.4	1576.6
22.5°	1259.2	1301.5	1322.6	1333.2	1375.6	1386.1	1333.2	1343.8	1354.4	1322.6	1333.2
25°	1185.1	1206.3	1185.1	1195.7	1206.3	1185.1	1195.7	1216.8	1206.3	1227.4	1216.8
27.5°	1153.3	1132.2	1121.6	1111.0	1111.0	1089.9	1100.4	1100.4	1121.6	1132.2	1132.2
30°	1153.3	1121.6	1079.3	1047.5	1047.5	1015.8	1037.0	1058.1	1068.7	1089.9	1089.9
32.5°	1185.1	1121.6	1047.5	1015.8	984.0	962.9	984.0	1015.8	1058.1	1068.7	1079.3
35°	941.7	973.5	962.9	920.6	910.0	910.0	899.4	899.4	867.7	867.7	857.1
37.5°	846.5	835.9	857.1	867.7	878.2	846.5	846.5	804.2	793.6	804.2	804.2
40°	793.6	793.6	793.6	825.3	835.9	814.7	783.0	761.8	761.8	761.8	772.4
42.5°	772.4	751.3	740.7	761.8	793.6	772.4	740.7	730.1	730.1	740.7	740.7
45°	740.7	730.1	719.5	708.9	751.3	719.5	708.9	698.4	698.4	698.4	708.9
47.5°	708.9	698.4	677.2	677.2	687.8	677.2	666.6	666.6	666.6	687.8	687.8
50°	687.8	677.2	656.0	656.0	656.0	656.0	645.5	645.5	645.5	656.0	666.6
52.5°	656.0	645.5	634.9	624.3	624.3	624.3	624.3	624.3	624.3	634.9	645.5
55°	624.3	613.7	603.1	603.1	613.7	613.7	603.1	613.7	603.1	613.7	624.3
57.5°	592.5	582.0	571.4	582.0	592.5	582.0	582.0	582.0	582.0	582.0	592.5
60°	550.2	550.2	550.2	550.2	571.4	571.4	571.4	571.4	550.2	560.8	571.4
62.5°	529.1	518.5	518.5	529.1	539.6	539.6	550.2	539.6	529.1	539.6	539.6
65°	486.7	486.7	486.7	497.3	497.3	507.9	507.9	507.9	497.3	507.9	507.9
67.5°	455.0	455.0	455.0	455.0	476.2	476.2	476.2	476.2	465.6	465.6	476.2
70°	402.1	412.7	402.1	423.2	444.4	433.8	444.4	444.4	433.8	423.2	444.4
72.5°	370.3	370.3	370.3	370.3	402.1	402.1	402.1	412.7	402.1	391.5	402.1
75°	328.0	328.0	328.0	338.6	359.8	359.8	359.8	359.8	359.8	349.2	349.2
77.5°	285.7	296.3	285.7	296.3	317.4	306.9	317.4	328.0	317.4	306.9	306.9
80°	243.4	243.4	243.4	253.9	264.5	264.5	264.5	275.1	264.5	253.9	253.9
82.5°	190.5	190.5	201.0	201.0	211.6	211.6	211.6	222.2	211.6	201.0	201.0
85°	148.1	148.1	148.1	158.7	158.7	169.3	169.3	179.9	179.9	169.3	169.3
87.5°	95.2	84.6	95.2	95.2	105.8	105.8	95.2	84.6	95.2	84.6	74.1
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: P598952
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4	7618.4
2.5°	6951.8	7142.3	7279.8	7375.1	7512.6	7777.2	7883.0	8073.4	8126.3	8158.1
5°	5978.4	6179.4	6475.7	6687.3	6930.7	7428.0	7808.9	8094.6	8221.6	8338.0
7.5°	4687.5	4952.0	5258.8	5534.0	5936.0	6549.7	7047.1	7639.6	7861.8	7978.2
10°	3661.1	3904.5	4243.0	4581.6	5142.4	5660.9	6369.9	6909.5	7216.4	7301.0
12.5°	3089.7	3375.4	3777.5	4190.1	4539.3	5131.9	5851.4	6634.4	6920.1	6973.0
15°	2624.1	3015.6	3428.3	3851.5	4253.6	4772.1	5544.5	6496.8	6920.1	6973.0
17.5°	2169.1	2518.3	3005.1	3460.0	3925.6	4634.6	5597.4	6613.2	7036.5	7195.2
20°	1724.7	2063.3	2444.2	3015.6	3650.5	4401.8	5713.8	7004.7	7565.5	7734.8
22.5°	1428.5	1576.6	1946.9	2497.2	3248.4	4243.0	5830.2	7618.4	8211.0	8274.5
25°	1248.6	1354.4	1587.2	2105.7	2931.0	4137.2	6105.3	8327.4	9089.2	9089.2
27.5°	1163.9	1206.3	1365.0	1830.5	2708.8	4042.0	6380.4	9110.4	9819.3	9967.5
30°	1142.8	1248.6	1333.2	1629.5	2465.4	3777.5	6634.4	9724.1	10454.2	10464.8
32.5°	1121.6	1100.4	1163.9	1417.9	2169.1	3502.4	6846.0	10348.4	10919.8	10951.5
35°	878.2	920.6	1026.4	1248.6	1946.9	3301.3	6951.8	10687.0	11512.3	11544.1
37.5°	825.3	878.2	962.9	1153.3	1798.8	3132.0	6983.6	11343.0	12136.6	12200.1
40°	804.2	846.5	910.0	1068.7	1682.4	2920.4	7047.1	12020.2	13057.2	12972.5
42.5°	761.8	814.7	878.2	1026.4	1587.2	2761.7	7057.6	12390.5	13543.9	13543.9
45°	751.3	783.0	857.1	1026.4	1481.4	2624.1	6888.3	12760.9	14104.7	13935.4
47.5°	708.9	772.4	835.9	994.6	1354.4	2486.6	6687.3	12951.3	14178.8	14125.9
50°	698.4	761.8	867.7	941.7	1280.3	2423.1	6645.0	13427.5	14326.9	14316.3
52.5°	677.2	740.7	899.4	899.4	1185.1	2338.4	6846.0	13639.1	14358.6	14443.3
55°	645.5	740.7	835.9	825.3	1100.4	2232.6	7068.2	14189.3	14919.4	14898.3
57.5°	624.3	719.5	793.6	751.3	1005.2	2158.6	7396.2	14718.4	15596.6	15448.5
60°	592.5	719.5	708.9	698.4	931.1	2095.1	7671.3	14824.2	15744.8	15840.0
62.5°	571.4	751.3	624.3	645.5	867.7	2063.3	7555.0	14030.6	15543.7	15628.4
65°	550.2	645.5	571.4	592.5	846.5	1999.8	7100.0	13078.3	14676.1	15046.4
67.5°	507.9	529.1	529.1	550.2	825.3	1851.7	6168.8	11364.2	13353.4	13554.5
70°	465.6	476.2	476.2	507.9	804.2	1682.4	5089.5	9829.9	11586.4	11967.3
72.5°	423.2	423.2	423.2	465.6	740.7	1544.9	4190.1	7555.0	9628.9	9893.4
75°	370.3	370.3	370.3	412.7	666.6	1407.3	3301.3	5618.6	7089.4	7470.3
77.5°	328.0	328.0	317.4	370.3	582.0	1142.8	2380.8	3967.9	4994.3	5311.7
80°	275.1	264.5	264.5	296.3	455.0	825.3	1534.3	2804.0	3481.2	3618.8
82.5°	222.2	211.6	201.0	222.2	328.0	518.5	952.3	1957.5	2232.6	2148.0
85°	211.6	222.2	179.9	169.3	232.8	338.6	603.1	1206.3	1005.2	1005.2
87.5°	84.6	74.1	74.1	63.5	116.4	127.0	264.5	222.2	169.3	169.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)