

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: P599068

Luminaire Tested: **IFLD-M-SA4C-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599068
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-827-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (64) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

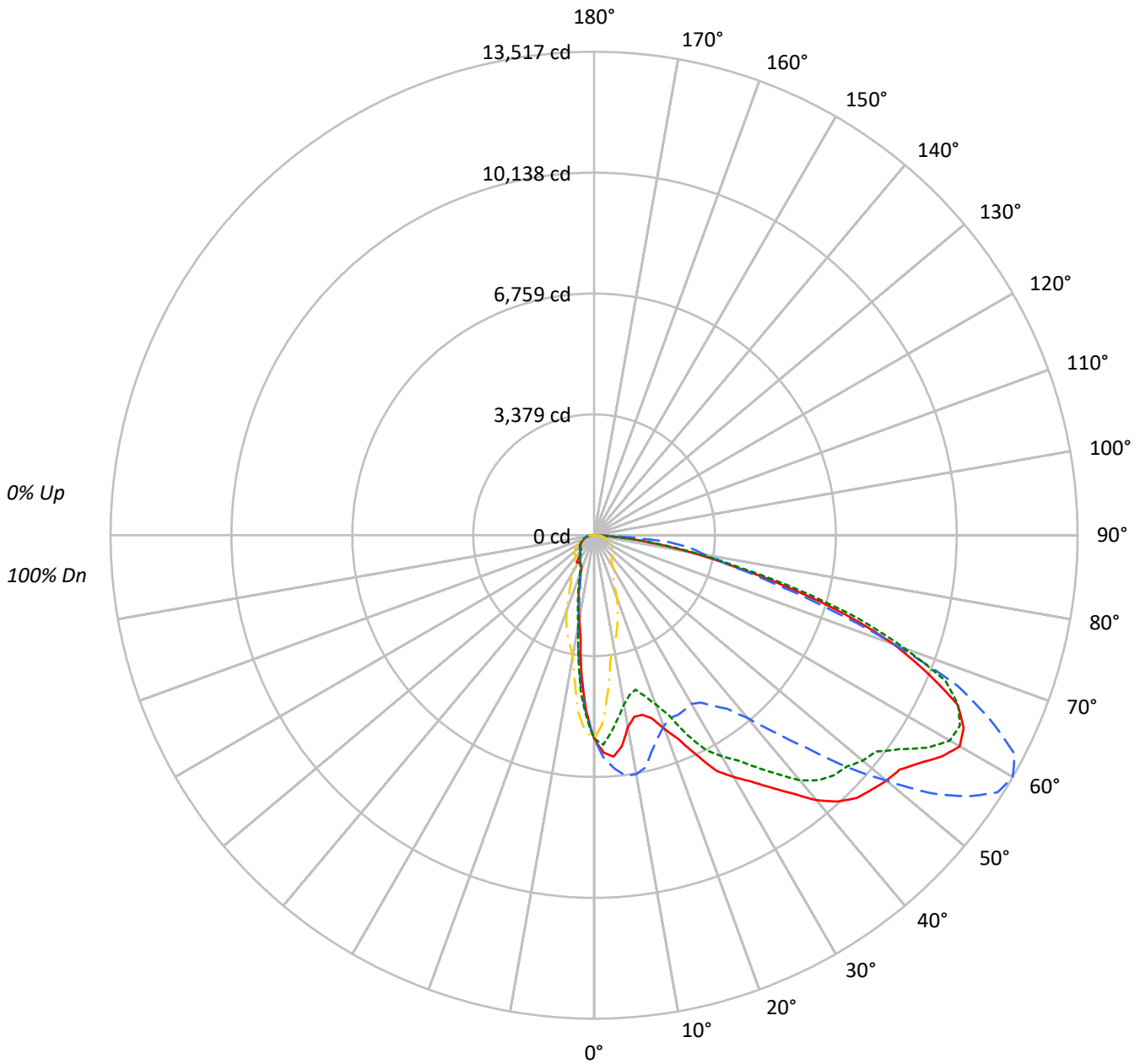
Lumens per Lamp: N/A
 Luminaire Lumens: 17777.7 lumens
 Efficiency: N/A
 Efficacy: 81.5 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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				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	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	61119	61119	61119	61119
5°	67147	59648	42776	46696
10°	59475	52493	25946	27842
15°	57913	49829	18367	19070
20°	66035	57633	12015	13279
25°	80456	73057	10491	10865
30°	96941	88610	10880	10096
35°	113058	104042	9016	8498
40°	135856	125661	8422	7978
45°	158104	144419	8523	7923
50°	178678	164151	8716	8187
55°	208379	195650	9028	8584
60°	254151	247191	8999	8999
65°	285624	286024	9240	9640
70°	280708	290634	9681	9929
75°	231553	246970	10168	10821
80°	167185	175497	11244	11734
85°	92528	99345	12659	15586

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	441.1	2.5
10°-20°	931.3	5.2
20°-30°	1362.6	7.7
30°-40°	1919.9	10.8
40°-50°	2638.5	14.8
50°-60°	3596.0	20.2
60°-70°	3935.6	22.1
70°-80°	2272.2	12.8
80°-90°	680.4	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°	2735.1	15.4
0°-40°	4655.0	26.2
0°-60°	10889.5	61.3
0°-90°	17777.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17777.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5678	5678	5678	5678	5678	
5°	6214	5520	3959	4322	6214	564
15°	5197	4472	1648	1711	5197	1518
25°	6774	6151	883	915	6774	3172
35°	8604	7918	686	647	8604	5456
45°	10386	9487	560	520	10386	7983
55°	11104	10426	481	457	11104	10019
65°	11214	11230	363	378	11214	10733
75°	5568	5938	244	260	5568	5981
85°	749	804	102	126	749	1039
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°	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1
2.5°	6080.3	6056.6	6080.3	6167.1	6190.7	6230.1	6230.1	6174.9	6072.4	6025.1	5946.2
5°	6214.4	6174.9	6372.1	6553.5	6695.4	6679.7	6545.6	6435.2	6230.1	5922.6	5630.8
7.5°	5946.2	5985.7	6127.6	6600.8	6932.0	6995.1	6782.2	6561.4	6119.7	5693.9	5299.6
10°	5441.5	5496.7	5804.3	6293.2	6813.7	6916.2	6782.2	6514.0	5985.7	5457.3	4999.9
12.5°	5197.0	5323.2	5504.6	6096.1	6466.7	6711.2	6648.1	6474.6	5883.1	5260.1	4818.5
15°	5197.0	5228.6	5496.7	5993.6	6206.5	6214.4	6238.0	6269.6	5914.7	5346.9	4755.4
17.5°	5362.7	5449.4	5678.1	5985.7	6025.1	5930.5	5930.5	6064.5	5977.8	5591.4	4984.1
20°	5764.9	5733.3	6033.0	6159.2	5946.2	5709.7	5686.0	5914.7	6048.8	5851.6	5402.1
22.5°	6167.1	6309.0	6553.5	6269.6	5875.3	5559.8	5528.3	5812.2	6261.7	6301.1	5883.1
25°	6774.3	6916.2	7042.4	6695.4	5867.4	5520.4	5544.0	5764.9	6521.9	6939.9	6687.5
27.5°	7428.9	7515.6	7697.0	7160.7	6056.6	5473.1	5496.7	5827.9	6766.4	7357.9	7318.4
30°	7799.5	7894.1	7854.7	7247.5	6182.8	5504.6	5441.5	5914.7	6632.3	7357.9	7728.5
32.5°	8162.3	8107.1	8083.4	7389.4	6340.6	5701.8	5544.0	6096.1	6711.2	7476.2	8256.9
35°	8603.9	8525.0	8462.0	7665.4	6600.8	5891.0	5820.1	6332.7	6884.7	7720.6	8682.8
37.5°	9092.9	9092.9	8785.3	7870.5	6908.4	6198.6	6119.7	6671.8	7160.7	7870.5	9266.4
40°	9668.6	9692.2	9148.1	8146.5	7255.4	6687.5	6663.9	7113.4	7428.9	8091.3	9826.3
42.5°	10094.4	10110.2	9463.5	8249.0	7657.6	7365.8	7468.3	7823.2	7736.4	8288.5	9865.7
45°	10386.2	10307.3	9684.3	8540.8	8099.2	8383.1	8414.6	8517.2	8138.6	8406.8	10023.4
47.5°	10528.2	10512.4	9779.0	8879.9	9029.8	9416.2	9597.6	9455.6	8509.3	8280.6	10023.4
50°	10670.1	10536.0	9865.7	9345.2	9936.7	10717.4	10678.0	10417.7	9021.9	8438.3	9873.6
52.5°	10764.7	10646.4	10039.2	9763.2	10804.2	11687.4	11845.2	11364.1	9621.2	8730.1	9944.6
55°	11103.9	11009.2	10559.7	10331.0	11805.7	12712.6	12736.3	12066.0	10252.1	9211.1	10409.9
57.5°	11513.9	11569.1	11277.3	11135.4	12570.7	13461.8	13375.1	12586.5	10788.4	9794.7	10946.1
60°	11805.7	11892.5	11821.5	11837.3	12949.2	13714.2	13517.0	12909.8	11182.7	10236.4	11600.7
62.5°	11648.0	11821.5	12113.3	12050.2	12965.0	13532.8	13256.8	12483.9	11230.0	10812.1	12097.5
65°	11214.3	11230.0	11797.8	12144.8	12255.2	12594.4	12231.6	11592.8	10741.1	11166.9	12026.5
67.5°	10102.3	10228.5	10741.1	11419.3	10954.0	11032.9	11001.3	10078.6	9999.8	10922.5	11482.4
70°	8919.4	9006.1	9566.0	10362.5	9250.6	8879.9	8950.9	8264.8	8588.1	10165.4	10386.2
72.5°	7373.7	7428.9	8067.6	8769.5	7421.0	6758.5	6924.1	6364.2	6821.6	8895.7	8761.6
75°	5567.7	5670.2	6167.1	6995.1	5465.2	5039.3	5204.9	4976.2	5402.1	7326.3	6798.0
77.5°	3958.9	3880.0	4495.2	5473.1	4108.7	3856.4	3872.2	3911.6	4369.0	6174.9	4881.6
80°	2697.1	2720.8	3272.8	4014.1	3225.5	3186.0	3146.6	3462.1	3667.1	4889.5	3548.8
82.5°	1600.9	1600.9	2208.2	2854.8	2547.3	2870.6	2689.2	2973.1	2870.6	3596.1	2326.4
85°	749.2	749.2	1135.6	2058.3	1971.6	2365.9	2011.0	2247.6	2121.4	2507.8	1048.9
87.5°	126.2	110.4	228.7	1009.4	812.3	922.7	362.8	1198.7	1332.8	1750.7	260.2
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°	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1
2.5°	5859.5	5804.3	5693.9	5551.9	5433.6	5283.8	5236.5	5134.0	4992.0	4976.2	4913.1
5°	5520.4	5331.1	5094.5	4802.7	4605.6	4400.5	4227.0	4124.5	4006.2	3990.4	3958.9
7.5°	5149.7	4913.1	4518.8	4171.8	3832.7	3509.4	3351.7	3154.5	3020.4	2917.9	2870.6
10°	4802.7	4581.9	4093.0	3619.8	3320.1	3107.2	2917.9	2712.9	2547.3	2421.1	2373.8
12.5°	4574.0	4313.8	3785.4	3335.9	3115.1	2870.6	2657.7	2436.9	2223.9	2058.3	1971.6
15°	4471.5	4227.0	3690.8	3193.9	2870.6	2531.5	2287.0	2066.2	1806.0	1687.7	1648.2
17.5°	4716.0	4353.2	3659.2	3028.3	2570.9	2184.5	1884.8	1648.2	1459.0	1340.7	1293.3
20°	5031.4	4581.9	3714.4	2831.2	2287.0	1853.3	1522.0	1269.7	1143.5	1056.8	1048.9
22.5°	5433.6	4921.0	3801.2	2689.2	1971.6	1490.5	1190.8	1041.0	954.2	946.4	930.6
25°	6151.3	5536.2	3943.1	2499.9	1719.2	1230.3	1017.3	930.6	891.1	867.5	883.3
27.5°	6766.4	5938.4	4045.7	2381.6	1616.7	1159.3	985.8	891.1	851.7	843.8	851.7
30°	7129.2	6309.0	4014.1	2160.8	1411.6	1104.1	1048.9	1017.3	938.5	875.4	875.4
32.5°	7460.4	6545.6	4006.2	1963.7	1206.6	922.7	875.4	851.7	899.0	930.6	906.9
35°	7917.8	6916.2	3982.6	1853.3	1119.8	851.7	772.9	709.8	678.2	662.4	686.1
37.5°	8406.8	7168.6	3919.5	1837.5	1072.5	812.3	749.2	686.1	654.6	638.8	630.9
40°	8943.0	7436.7	3848.5	1758.6	1048.9	788.6	725.5	670.3	630.9	607.2	599.4
42.5°	9290.0	7649.7	3777.5	1719.2	1001.6	772.9	701.9	654.6	615.1	583.6	583.6
45°	9487.2	7902.0	3706.5	1679.8	946.4	780.7	701.9	638.8	591.5	575.7	559.9
47.5°	9573.9	8091.3	3682.9	1616.7	899.0	749.2	686.1	623.0	575.7	544.2	536.3
50°	9802.6	8493.5	3769.6	1569.4	843.8	717.6	725.5	615.1	567.8	528.4	520.5
52.5°	9936.7	8816.8	3958.9	1498.4	804.4	678.2	709.8	599.4	544.2	504.7	504.7
55°	10425.6	9353.1	4163.9	1443.2	757.1	623.0	654.6	567.8	504.7	481.1	481.1
57.5°	11048.6	9920.9	4337.4	1419.5	725.5	583.6	583.6	552.0	481.1	449.5	441.6
60°	11482.4	10386.2	4440.0	1403.8	694.0	544.2	520.5	552.0	457.4	425.9	418.0
62.5°	11529.7	10118.1	4337.4	1395.9	686.1	504.7	473.2	528.4	433.7	402.2	386.4
65°	11230.0	9573.9	4053.5	1364.3	678.2	465.3	441.6	457.4	402.2	378.5	362.8
67.5°	10630.7	8690.7	3643.5	1348.6	670.3	433.7	402.2	394.3	370.7	347.0	331.2
70°	9234.8	7539.3	3162.4	1277.6	654.6	410.1	362.8	354.9	331.2	315.5	307.6
72.5°	7752.2	6167.1	2610.4	1182.9	623.0	370.7	331.2	315.5	307.6	283.9	276.0
75°	5938.4	4747.5	2089.9	1048.9	544.2	331.2	291.8	276.0	268.1	252.4	244.5
77.5°	4171.8	3533.0	1545.7	851.7	457.4	299.7	260.2	244.5	236.6	212.9	212.9
80°	2831.2	2476.3	1048.9	591.5	354.9	244.5	228.7	212.9	197.2	181.4	181.4
82.5°	1758.6	1735.0	757.1	386.4	260.2	197.2	181.4	181.4	157.7	142.0	142.0
85°	804.4	1064.6	528.4	268.1	197.2	149.8	149.8	142.0	126.2	102.5	102.5
87.5°	252.4	354.9	276.0	118.3	110.4	86.7	86.7	78.9	78.9	63.1	63.1
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°	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1
2.5°	4976.2	4968.3	4968.3	4936.8	5015.7	5015.7	5063.0	5023.5	5047.2	5055.1	5118.2
5°	3951.0	4014.1	4061.4	4156.1	4211.3	4234.9	4234.9	4298.0	4274.4	4321.7	4416.3
7.5°	2894.3	2973.1	3115.1	3233.4	3328.0	3359.5	3351.7	3367.4	3391.1	3335.9	3351.7
10°	2342.2	2287.0	2334.3	2444.7	2531.5	2634.0	2555.1	2547.3	2570.9	2547.3	2594.6
12.5°	1955.8	1892.7	1853.3	1853.3	1916.4	1963.7	1940.0	1979.5	2066.2	2089.9	2145.1
15°	1585.1	1529.9	1498.4	1459.0	1522.0	1537.8	1561.5	1616.7	1679.8	1711.3	1774.4
17.5°	1269.7	1269.7	1269.7	1238.1	1261.8	1285.5	1293.3	1364.3	1372.2	1403.8	1427.4
20°	1041.0	1064.6	1104.1	1119.8	1143.5	1143.5	1127.7	1167.2	1135.6	1159.3	1175.1
22.5°	938.5	970.0	985.8	993.7	1025.2	1033.1	993.7	1001.6	1009.4	985.8	993.7
25°	883.3	899.0	883.3	891.1	899.0	883.3	891.1	906.9	899.0	914.8	906.9
27.5°	859.6	843.8	835.9	828.1	828.1	812.3	820.2	820.2	835.9	843.8	843.8
30°	859.6	835.9	804.4	780.7	780.7	757.1	772.9	788.6	796.5	812.3	812.3
32.5°	883.3	835.9	780.7	757.1	733.4	717.6	733.4	757.1	788.6	796.5	804.4
35°	701.9	725.5	717.6	686.1	678.2	678.2	670.3	670.3	646.7	646.7	638.8
37.5°	630.9	623.0	638.8	646.7	654.6	630.9	630.9	599.4	591.5	599.4	599.4
40°	591.5	591.5	591.5	615.1	623.0	607.2	583.6	567.8	567.8	567.8	575.7
42.5°	575.7	559.9	552.0	567.8	591.5	575.7	552.0	544.2	544.2	552.0	552.0
45°	552.0	544.2	536.3	528.4	559.9	536.3	528.4	520.5	520.5	520.5	528.4
47.5°	528.4	520.5	504.7	504.7	512.6	504.7	496.8	496.8	496.8	512.6	512.6
50°	512.6	504.7	488.9	488.9	488.9	488.9	481.1	481.1	481.1	488.9	496.8
52.5°	488.9	481.1	473.2	465.3	465.3	465.3	465.3	465.3	465.3	473.2	481.1
55°	465.3	457.4	449.5	449.5	457.4	457.4	449.5	457.4	449.5	457.4	465.3
57.5°	441.6	433.7	425.9	433.7	441.6	433.7	433.7	433.7	433.7	433.7	441.6
60°	410.1	410.1	410.1	410.1	425.9	425.9	425.9	425.9	410.1	418.0	425.9
62.5°	394.3	386.4	386.4	394.3	402.2	402.2	410.1	402.2	394.3	402.2	402.2
65°	362.8	362.8	362.8	370.7	370.7	378.5	378.5	378.5	370.7	378.5	378.5
67.5°	339.1	339.1	339.1	339.1	354.9	354.9	354.9	354.9	347.0	347.0	354.9
70°	299.7	307.6	299.7	315.5	331.2	323.3	331.2	331.2	323.3	315.5	331.2
72.5°	276.0	276.0	276.0	276.0	299.7	299.7	299.7	307.6	299.7	291.8	299.7
75°	244.5	244.5	244.5	252.4	268.1	268.1	268.1	268.1	268.1	260.2	260.2
77.5°	212.9	220.8	212.9	220.8	236.6	228.7	236.6	244.5	236.6	228.7	228.7
80°	181.4	181.4	181.4	189.3	197.2	197.2	197.2	205.0	197.2	189.3	189.3
82.5°	142.0	142.0	149.8	149.8	157.7	157.7	157.7	165.6	157.7	149.8	149.8
85°	110.4	110.4	110.4	118.3	118.3	126.2	126.2	134.1	134.1	126.2	126.2
87.5°	71.0	63.1	71.0	71.0	78.9	78.9	71.0	63.1	71.0	63.1	55.2
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: P599068
 CATALOG NUMBER: IFLD-M-SA4C-827-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1	5678.1
2.5°	5181.3	5323.2	5425.7	5496.7	5599.2	5796.4	5875.3	6017.2	6056.6	6080.3
5°	4455.7	4605.6	4826.4	4984.1	5165.5	5536.2	5820.1	6033.0	6127.6	6214.4
7.5°	3493.6	3690.8	3919.5	4124.5	4424.2	4881.6	5252.2	5693.9	5859.5	5946.2
10°	2728.6	2910.0	3162.4	3414.7	3832.7	4219.1	4747.5	5149.7	5378.4	5441.5
12.5°	2302.8	2515.7	2815.4	3123.0	3383.2	3824.8	4361.1	4944.7	5157.6	5197.0
15°	1955.8	2247.6	2555.1	2870.6	3170.3	3556.7	4132.4	4842.2	5157.6	5197.0
17.5°	1616.7	1876.9	2239.7	2578.8	2925.8	3454.2	4171.8	4928.9	5244.4	5362.7
20°	1285.5	1537.8	1821.7	2247.6	2720.8	3280.7	4258.6	5220.7	5638.7	5764.9
22.5°	1064.6	1175.1	1451.1	1861.2	2421.1	3162.4	4345.3	5678.1	6119.7	6167.1
25°	930.6	1009.4	1182.9	1569.4	2184.5	3083.5	4550.4	6206.5	6774.3	6774.3
27.5°	867.5	899.0	1017.3	1364.3	2018.9	3012.6	4755.4	6790.1	7318.4	7428.9
30°	851.7	930.6	993.7	1214.5	1837.5	2815.4	4944.7	7247.5	7791.6	7799.5
32.5°	835.9	820.2	867.5	1056.8	1616.7	2610.4	5102.4	7712.8	8138.6	8162.3
35°	654.6	686.1	765.0	930.6	1451.1	2460.5	5181.3	7965.1	8580.2	8603.9
37.5°	615.1	654.6	717.6	859.6	1340.7	2334.3	5204.9	8454.1	9045.5	9092.9
40°	599.4	630.9	678.2	796.5	1253.9	2176.6	5252.2	8958.8	9731.6	9668.6
42.5°	567.8	607.2	654.6	765.0	1182.9	2058.3	5260.1	9234.8	10094.4	10094.4
45°	559.9	583.6	638.8	765.0	1104.1	1955.8	5134.0	9510.8	10512.4	10386.2
47.5°	528.4	575.7	623.0	741.3	1009.4	1853.3	4984.1	9652.8	10567.6	10528.2
50°	520.5	567.8	646.7	701.9	954.2	1806.0	4952.6	10007.7	10678.0	10670.1
52.5°	504.7	552.0	670.3	670.3	883.3	1742.9	5102.4	10165.4	10701.7	10764.7
55°	481.1	552.0	623.0	615.1	820.2	1664.0	5268.0	10575.5	11119.6	11103.9
57.5°	465.3	536.3	591.5	559.9	749.2	1608.8	5512.5	10969.8	11624.3	11513.9
60°	441.6	536.3	528.4	520.5	694.0	1561.5	5717.5	11048.6	11734.8	11805.7
62.5°	425.9	559.9	465.3	481.1	646.7	1537.8	5630.8	10457.2	11584.9	11648.0
65°	410.1	481.1	425.9	441.6	630.9	1490.5	5291.7	9747.4	10938.2	11214.3
67.5°	378.5	394.3	394.3	410.1	615.1	1380.1	4597.7	8469.8	9952.5	10102.3
70°	347.0	354.9	354.9	378.5	599.4	1253.9	3793.3	7326.3	8635.5	8919.4
72.5°	315.5	315.5	315.5	347.0	552.0	1151.4	3123.0	5630.8	7176.5	7373.7
75°	276.0	276.0	276.0	307.6	496.8	1048.9	2460.5	4187.6	5283.8	5567.7
77.5°	244.5	244.5	236.6	276.0	433.7	851.7	1774.4	2957.3	3722.3	3958.9
80°	205.0	197.2	197.2	220.8	339.1	615.1	1143.5	2089.9	2594.6	2697.1
82.5°	165.6	157.7	149.8	165.6	244.5	386.4	709.8	1459.0	1664.0	1600.9
85°	157.7	165.6	134.1	126.2	173.5	252.4	449.5	899.0	749.2	749.2
87.5°	63.1	55.2	55.2	47.3	86.7	94.6	197.2	165.6	126.2	126.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)