

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: P598693

Luminaire Tested: **IFLD-M-SA4E-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598693
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4E-735-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (64) 3500K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

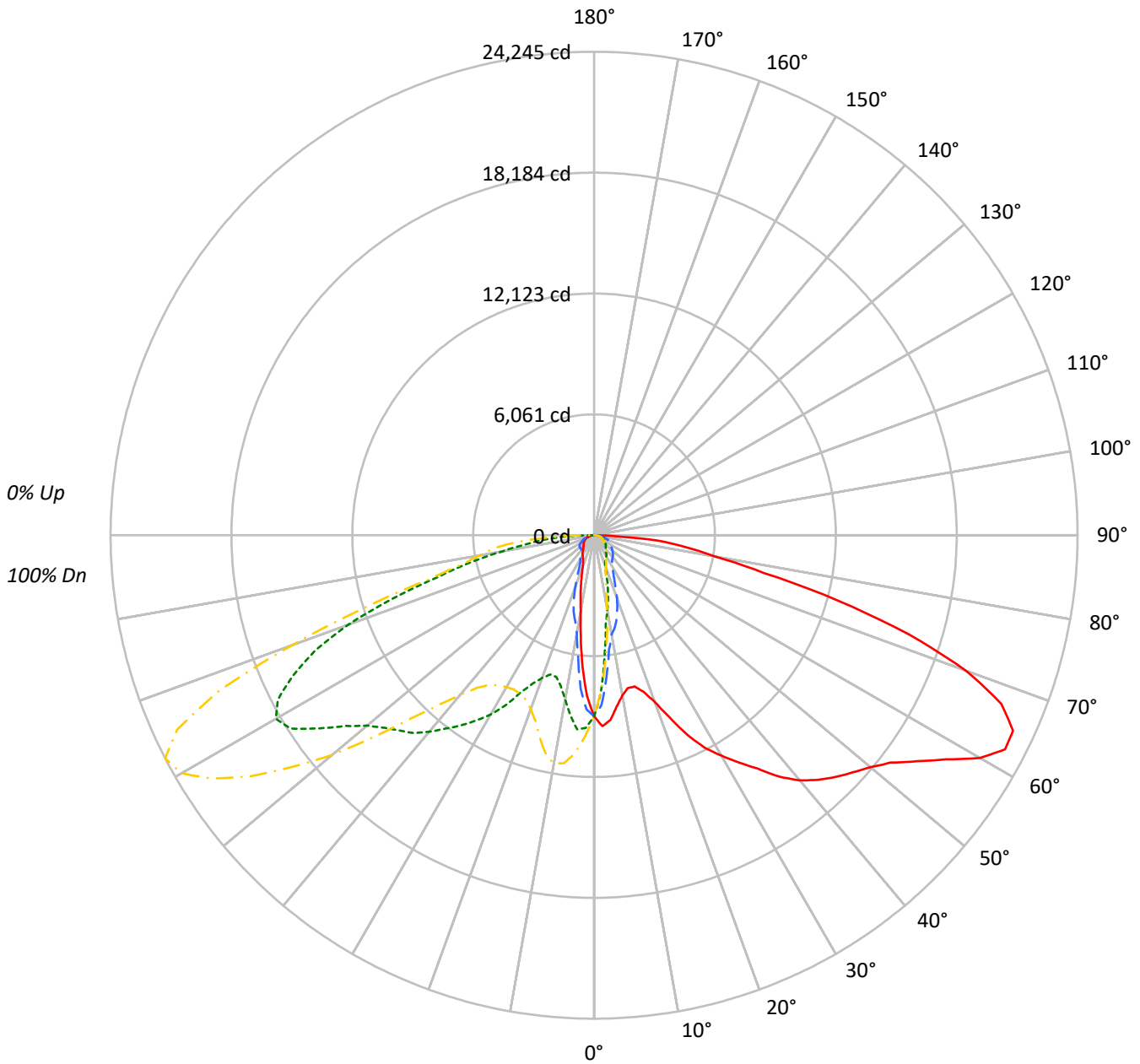
Lumens per Lamp: N/A
 Luminaire Lumens: 30372.9 lumens
 Efficiency: N/A
 Efficacy: 96.5 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	97661	97661	97661	97661
5°	100505	65355	71397	105586
10°	89167	41528	41945	91250
15°	87512	29454	27896	81848
20°	101744	18631	18777	87189
25°	130848	15998	15544	103078
30°	158572	15162	14215	129036
35°	187682	13358	12858	152951
40°	225512	12677	11785	180695
45°	260944	12574	11412	210652
50°	303015	12767	11491	248752
55°	370817	13116	11686	316924
60°	480917	13130	12310	396388
65°	590334	13270	12623	424303
70°	624670	13999	13196	413115
75°	525833	14797	13213	337167
80°	382025	17332	13389	291444
85°	404902	25108	10992	302889

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	702.2	2.3
10°-20°	1469.5	4.8
20°-30°	2117.8	7.0
30°-40°	3048.7	10.0
40°-50°	4330.5	14.3
50°-60°	6226.1	20.5
60°-70°	7193.1	23.7
70°-80°	4072.9	13.4
80°-90°	1212.1	4.0
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°	4289.5	14.1
0°-40°	7338.2	24.2
0°-60°	17894.8	58.9
0°-90°	30372.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30372.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9073	9073	9073	9073	9073	
5°	9302	6049	6608	9772	9302	844
15°	7853	2643	2503	7345	7853	2309
25°	11017	1347	1309	8679	11017	5114
35°	14283	1017	978	11640	14283	9065
45°	17142	826	750	13838	17142	13273
55°	19760	699	623	16888	19760	17895
65°	23178	521	496	16659	23178	22226
75°	12644	356	318	8107	12644	13416
85°	3278	203	89	2452	3278	3265
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°	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0
2.5°	9581.2	9568.5	9492.3	9250.9	8996.7	8755.3	8526.5	8285.1	8158.0	8005.6	7942.0
5°	9301.7	9276.3	9060.3	8526.5	8056.4	7548.1	7116.0	6773.0	6493.4	6213.8	6112.2
7.5°	8666.3	8628.2	8374.1	7637.0	6950.9	6290.1	5769.1	5324.3	4955.8	4790.6	4600.0
10°	8158.0	8094.5	7764.1	6950.9	6061.3	5400.6	5057.5	4752.5	4434.8	4168.0	3888.4
12.5°	7840.4	7764.1	7421.0	6468.0	5603.9	5108.3	4752.5	4409.4	4015.5	3685.1	3380.1
15°	7853.1	7764.1	7344.8	6340.9	5489.5	4854.2	4358.6	3888.4	3431.0	3062.4	2719.3
17.5°	8221.6	8107.2	7662.5	6518.8	5400.6	4523.8	3863.0	3253.0	2732.1	2338.1	2058.6
20°	8882.3	8806.1	8297.8	6785.7	5311.6	4168.0	3354.7	2617.7	2071.3	1766.3	1651.9
22.5°	9873.5	9784.6	9238.2	7192.3	5286.2	3850.3	2808.3	2058.6	1664.6	1537.6	1474.0
25°	11017.2	10852.0	10343.7	7878.5	5337.0	3558.0	2363.5	1702.8	1486.7	1397.8	1359.7
27.5°	12008.3	11906.7	11334.8	8526.5	5362.4	3329.3	2058.6	1550.3	1385.1	1308.8	1283.4
30°	12758.1	12719.9	12160.8	9238.2	5298.9	3049.7	1868.0	1486.7	1385.1	1308.8	1232.6
32.5°	13507.8	13520.5	12923.2	9784.6	5210.0	2808.3	1690.1	1321.6	1219.9	1169.1	1181.8
35°	14282.9	14346.5	13838.2	10318.3	5019.4	2719.3	1563.0	1232.6	1143.7	1067.4	1029.3
37.5°	15261.4	15426.6	14931.0	10915.5	4828.7	2643.1	1499.5	1169.1	1080.1	1016.6	965.7
40°	16049.2	16354.2	16061.9	11474.6	4701.7	2554.2	1448.6	1105.5	1042.0	965.7	927.6
42.5°	16633.8	16989.6	16887.9	11906.7	4701.7	2465.2	1397.8	1067.4	1016.6	927.6	876.8
45°	17142.0	17510.6	17497.8	12351.4	4803.3	2414.4	1334.3	1067.4	991.2	902.2	851.4
47.5°	17599.5	17968.0	18095.1	12910.5	4968.5	2389.0	1258.0	1042.0	991.2	889.5	813.3
50°	18095.1	18501.7	18882.9	13800.0	5171.8	2325.4	1207.2	1003.9	1003.9	876.8	787.8
52.5°	18730.4	19187.9	19886.8	14905.6	5375.2	2211.1	1130.9	978.5	1003.9	864.1	762.4
55°	19759.7	20141.0	21055.9	16227.1	5629.3	2071.3	1067.4	914.9	953.0	826.0	724.3
57.5°	20916.1	21246.5	22008.9	17243.7	5705.5	1893.4	978.5	851.4	914.9	787.8	673.5
60°	22339.3	22504.5	22504.5	17536.0	5451.4	1728.2	914.9	800.6	826.0	749.7	635.4
62.5°	23241.5	23241.5	22504.5	17002.3	4968.5	1588.4	864.1	749.7	724.3	698.9	597.2
65°	23178.0	23076.3	21983.5	15452.0	4409.4	1499.5	813.3	686.2	648.1	635.4	559.1
67.5°	22110.6	21932.7	20445.9	13266.3	3824.9	1461.3	762.4	622.7	597.2	571.8	508.3
70°	19848.7	19391.2	17561.4	10674.1	3253.0	1435.9	749.7	571.8	546.4	521.0	470.2
72.5°	16570.2	15985.7	13711.1	8208.9	2732.1	1347.0	711.6	508.3	495.6	470.2	419.3
75°	12643.7	11563.6	9568.5	6277.4	2122.1	1169.1	609.9	444.8	444.8	432.0	381.2
77.5°	8717.2	8158.0	6671.3	4638.1	1550.3	902.2	495.6	393.9	393.9	406.6	355.8
80°	6163.0	5642.0	4752.5	3329.3	978.5	609.9	381.2	330.4	368.5	393.9	330.4
82.5°	4714.4	4333.2	3532.6	2427.1	571.8	419.3	292.3	266.9	317.7	343.1	279.6
85°	3278.5	2821.0	1791.7	1626.5	330.4	254.1	216.0	216.0	279.6	343.1	254.1
87.5°	927.6	393.9	114.4	482.9	139.8	101.7	76.2	50.8	76.2	76.2	50.8
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°	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0
2.5°	7878.5	7802.2	7802.2	7776.8	7789.5	7802.2	7789.5	7878.5	7916.6	7967.4	8069.1
5°	6048.6	6150.3	6074.1	6150.3	6252.0	6404.4	6442.6	6556.9	6569.6	6658.6	6607.8
7.5°	4485.7	4472.9	4409.4	4498.4	4777.9	4993.9	5095.6	5159.1	5171.8	5171.8	5108.3
10°	3799.5	3685.1	3570.7	3507.2	3532.6	3761.3	3837.6	3875.7	3850.3	3888.4	3837.6
12.5°	3253.0	3151.4	2986.2	2871.8	2795.6	2859.1	2935.4	2973.5	2998.9	3062.4	3113.3
15°	2643.1	2541.4	2439.8	2376.3	2312.7	2261.9	2325.4	2363.5	2427.1	2477.9	2503.3
17.5°	2007.7	1956.9	1906.1	1944.2	1944.2	1918.8	1944.2	1956.9	1982.3	2020.4	2007.7
20°	1626.5	1613.8	1601.1	1664.6	1715.5	1715.5	1740.9	1702.8	1690.1	1651.9	1639.2
22.5°	1448.6	1448.6	1461.3	1512.2	1563.0	1588.4	1588.4	1524.9	1461.3	1435.9	1448.6
25°	1347.0	1347.0	1385.1	1397.8	1423.2	1423.2	1435.9	1372.4	1334.3	1296.1	1308.8
27.5°	1270.7	1270.7	1283.4	1283.4	1296.1	1296.1	1308.8	1283.4	1232.6	1219.9	1219.9
30°	1219.9	1219.9	1207.2	1207.2	1207.2	1207.2	1219.9	1181.8	1156.4	1143.7	1143.7
32.5°	1169.1	1156.4	1143.7	1143.7	1130.9	1130.9	1143.7	1105.5	1092.8	1092.8	1092.8
35°	1016.6	1003.9	1016.6	1042.0	1042.0	1054.7	1054.7	1042.0	1016.6	991.2	978.5
37.5°	953.0	940.3	940.3	940.3	965.7	978.5	991.2	965.7	927.6	889.5	889.5
40°	902.2	902.2	889.5	889.5	889.5	914.9	940.3	902.2	851.4	838.7	838.7
42.5°	864.1	851.4	838.7	826.0	813.3	851.4	876.8	826.0	800.6	800.6	800.6
45°	826.0	813.3	800.6	787.8	775.1	787.8	813.3	762.4	749.7	749.7	749.7
47.5°	787.8	775.1	749.7	737.0	724.3	724.3	749.7	711.6	698.9	711.6	711.6
50°	762.4	737.0	711.6	698.9	686.2	686.2	686.2	673.5	673.5	673.5	686.2
52.5°	737.0	711.6	673.5	660.8	648.1	648.1	648.1	648.1	635.4	648.1	660.8
55°	698.9	673.5	648.1	635.4	622.7	609.9	622.7	609.9	609.9	622.7	622.7
57.5°	648.1	622.7	597.2	597.2	584.5	584.5	597.2	584.5	584.5	597.2	597.2
60°	609.9	584.5	559.1	559.1	546.4	559.1	571.8	559.1	559.1	559.1	571.8
62.5°	559.1	546.4	521.0	521.0	521.0	521.0	533.7	521.0	533.7	533.7	533.7
65°	521.0	495.6	482.9	482.9	482.9	482.9	508.3	482.9	495.6	495.6	495.6
67.5°	482.9	457.5	444.8	444.8	444.8	444.8	470.2	444.8	457.5	470.2	457.5
70°	444.8	419.3	406.6	406.6	406.6	406.6	419.3	406.6	406.6	419.3	419.3
72.5°	393.9	381.2	368.5	368.5	355.8	368.5	381.2	368.5	368.5	368.5	368.5
75°	355.8	343.1	343.1	330.4	330.4	330.4	343.1	317.7	317.7	317.7	317.7
77.5°	330.4	305.0	305.0	305.0	292.3	305.0	292.3	266.9	266.9	266.9	266.9
80°	279.6	254.1	266.9	266.9	254.1	254.1	241.4	216.0	216.0	216.0	216.0
82.5°	228.7	203.3	216.0	216.0	216.0	216.0	190.6	177.9	165.2	152.5	152.5
85°	203.3	165.2	190.6	190.6	177.9	177.9	127.1	127.1	101.7	101.7	89.0
87.5°	38.1	25.4	50.8	63.5	63.5	76.2	50.8	63.5	38.1	25.4	25.4
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°	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0
2.5°	8056.4	8196.2	8386.8	8526.5	8742.6	8907.8	9161.9	9377.9	9581.2	9670.2	9759.1
5°	6760.2	6849.2	7141.5	7370.2	7713.3	8081.8	8539.3	9034.8	9543.1	9771.9	10038.7
7.5°	5057.5	5222.7	5387.9	5718.3	6137.6	6734.8	7319.4	8056.4	8768.0	9111.1	9568.5
10°	3926.5	4053.6	4244.2	4587.3	4981.2	5476.8	6175.7	7052.5	7903.9	8348.6	8818.8
12.5°	3151.4	3329.3	3583.4	3939.2	4396.7	4905.0	5413.3	6226.5	7217.7	7726.0	8259.7
15°	2554.2	2693.9	2973.5	3418.2	3951.9	4472.9	5006.6	5680.1	6760.2	7344.8	7980.1
17.5°	2033.2	2134.8	2389.0	2833.7	3367.4	3951.9	4561.9	5413.3	6607.8	7319.4	8069.1
20°	1651.9	1728.2	1893.4	2223.8	2732.1	3367.4	4129.8	5159.1	6696.7	7611.6	8526.5
22.5°	1448.6	1474.0	1550.3	1728.2	2147.5	2821.0	3735.9	4943.1	6861.9	8043.7	9276.3
25°	1308.8	1334.3	1359.7	1474.0	1715.5	2350.8	3392.8	4816.0	7217.7	8679.0	10140.4
27.5°	1219.9	1245.3	1258.0	1308.8	1474.0	2007.7	3100.6	4739.8	7700.6	9606.7	11207.8
30°	1143.7	1143.7	1181.8	1258.0	1372.4	1766.3	2846.4	4561.9	8208.9	10381.8	12046.4
32.5°	1080.1	1092.8	1143.7	1181.8	1258.0	1563.0	2592.3	4333.2	8666.3	11017.2	12872.4
35°	965.7	965.7	978.5	1042.0	1143.7	1397.8	2363.5	4104.4	8920.5	11639.8	13609.4
37.5°	889.5	902.2	927.6	978.5	1067.4	1283.4	2172.9	3850.3	9187.3	12224.3	14473.5
40°	838.7	851.4	876.8	927.6	1016.6	1181.8	2007.7	3647.0	9466.9	12859.7	15401.2
42.5°	800.6	813.3	838.7	889.5	965.7	1156.4	1829.8	3481.8	9632.1	13444.2	16278.0
45°	762.4	775.1	813.3	864.1	927.6	1130.9	1728.2	3367.4	9695.6	13838.2	16976.9
47.5°	724.3	737.0	775.1	851.4	927.6	1092.8	1690.1	3303.9	9746.4	14282.9	17536.0
50°	686.2	711.6	762.4	838.7	940.3	1042.0	1664.6	3291.2	10038.7	14854.7	18069.7
52.5°	660.8	698.9	749.7	838.7	927.6	965.7	1651.9	3329.3	10623.2	15706.1	18832.1
55°	635.4	673.5	724.3	838.7	889.5	902.2	1588.4	3392.8	11512.7	16887.9	19912.2
57.5°	609.9	635.4	698.9	813.3	838.7	851.4	1461.3	3481.8	12402.3	18044.3	21017.7
60°	571.8	597.2	660.8	813.3	762.4	800.6	1296.1	3507.2	13037.6	18412.8	21119.4
62.5°	533.7	559.1	622.7	838.7	698.9	749.7	1156.4	3418.2	13164.7	17879.1	20547.6
65°	495.6	521.0	571.8	698.9	648.1	698.9	1067.4	3176.8	12745.3	16659.2	19505.6
67.5°	457.5	482.9	521.0	571.8	584.5	635.4	1029.3	2795.6	11690.6	15147.0	18082.4
70°	406.6	432.0	470.2	508.3	521.0	597.2	965.7	2427.1	9987.9	13126.6	16341.5
72.5°	368.5	381.2	419.3	444.8	470.2	546.4	927.6	2122.1	7637.0	10623.2	13329.9
75°	317.7	317.7	355.8	381.2	406.6	482.9	851.4	1766.3	5387.9	8107.2	9797.3
77.5°	266.9	266.9	292.3	317.7	343.1	419.3	724.3	1435.9	3735.9	6429.9	7103.3
80°	203.3	203.3	228.7	254.1	279.6	355.8	584.5	1054.7	2312.7	4701.7	5171.8
82.5°	139.8	139.8	177.9	190.6	203.3	279.6	444.8	724.3	1359.7	3392.8	3697.8
85°	76.2	76.2	101.7	114.4	139.8	203.3	330.4	508.3	813.3	2452.5	2465.2
87.5°	12.7	12.7	38.1	38.1	63.5	101.7	190.6	279.6	457.5	1359.7	864.1
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: P598693
 CATALOG NUMBER: IFLD-M-SA4E-735-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0	9073.0
2.5°	9924.3	10064.1	10076.8	10076.8	10013.3	10026.0	9848.1	9657.5	9594.0	9581.2
5°	10445.3	10813.8	10915.5	10966.3	10801.1	10547.0	10089.5	9594.0	9339.8	9301.7
7.5°	10343.7	11080.7	11474.6	11525.5	11195.1	10597.8	9797.3	9034.8	8742.6	8666.3
10°	9746.4	10737.6	11449.2	11627.1	11271.3	10508.9	9466.9	8577.4	8221.6	8158.0
12.5°	9327.1	10280.1	10979.0	11220.5	11055.3	10394.5	9301.7	8285.1	7929.3	7840.4
15°	9098.4	9975.2	10432.6	10508.9	10496.2	10216.6	9301.7	8348.6	7954.7	7853.1
17.5°	9289.0	9886.2	9949.8	9771.9	9873.5	10013.3	9505.0	8691.7	8310.5	8221.6
20°	9670.2	9848.1	9543.1	9276.3	9327.1	9771.9	9822.7	9339.8	9034.8	8882.3
22.5°	10470.8	9987.9	9289.0	8920.5	8958.6	9581.2	10242.0	10216.6	9949.8	9873.5
25°	11284.0	10381.8	9212.7	8780.7	8831.5	9543.1	10737.6	11195.1	11055.3	11017.2
27.5°	12186.2	11042.6	9263.6	8717.2	8780.7	9594.0	11080.7	12021.0	12046.4	12008.3
30°	12796.2	11360.3	9416.1	8793.4	8882.3	9721.0	11156.9	12516.6	12745.3	12758.1
32.5°	13304.5	11677.9	9733.7	8920.5	9073.0	9949.8	11360.3	12986.8	13495.1	13507.8
35°	13711.1	12033.7	10127.7	9149.2	9377.9	10331.0	11627.1	13431.5	14194.0	14282.9
37.5°	14232.1	12427.7	10585.1	9644.8	9898.9	10877.4	12097.3	13952.5	15019.9	15261.4
40°	14791.2	12821.6	11245.9	10445.3	10813.8	11690.6	12631.0	14537.1	15718.8	16049.2
42.5°	15413.9	13240.9	11995.6	11525.5	12084.6	12719.9	13240.9	15070.8	16252.5	16633.8
45°	16023.8	13749.2	13088.4	12999.5	13622.1	13939.8	13838.2	15452.0	16760.8	17142.0
47.5°	16455.9	14486.2	14410.0	14943.7	15528.2	15363.0	14537.1	15731.5	17180.2	17599.5
50°	16849.8	15401.2	16074.6	17116.6	17472.4	16913.3	15286.8	16112.8	17624.9	18095.1
52.5°	17434.3	16379.6	17790.1	19086.3	19429.3	18539.8	16100.1	16735.4	18311.1	18730.4
55°	18628.8	17485.1	19581.8	21068.6	21132.1	20026.6	17192.9	17790.1	19276.9	19759.7
57.5°	19963.0	18844.8	21005.0	22707.8	22682.4	21513.3	18425.5	19213.3	20585.7	20916.1
60°	21170.2	20217.2	22555.3	23876.9	23813.3	22593.4	19861.4	20827.1	22085.2	22339.3
62.5°	21881.8	21462.5	23241.5	24245.4	24003.9	22949.2	21081.3	22263.1	23152.6	23241.5
65°	21767.5	22174.1	22441.0	23063.6	22720.5	21958.1	21678.5	23178.0	23266.9	23178.0
67.5°	20903.4	21767.5	20242.6	20306.1	20128.2	19480.2	20750.9	22936.5	22326.6	22110.6
70°	19594.5	19658.1	16926.0	16125.5	16405.0	15515.5	17802.8	21055.9	20115.5	19848.7
72.5°	17421.6	16633.8	12796.2	11982.9	12402.3	11766.9	14282.9	18349.2	17434.3	16570.2
75°	14613.3	13177.4	9746.4	8590.1	8806.1	8780.7	11068.0	15159.7	13507.8	12643.7
77.5°	11322.1	10267.4	7192.3	6747.5	6518.8	6569.6	7726.0	11271.3	9797.3	8717.2
80°	8272.4	7179.6	5565.8	5819.9	5692.8	5387.9	5413.3	7548.1	6811.1	6163.0
82.5°	5718.3	5108.3	4511.1	5095.6	4790.6	4320.5	4218.8	5438.7	5108.3	4714.4
85°	3837.6	4206.1	3583.4	3901.1	3380.1	3113.3	3964.7	4549.2	3672.4	3278.5
87.5°	2503.3	3850.3	2579.6	1956.9	1118.2	1499.5	2427.1	2986.2	1715.5	927.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)