

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: P598690

Luminaire Tested: **IFLD-M-SA4B-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: P598690  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4B-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**

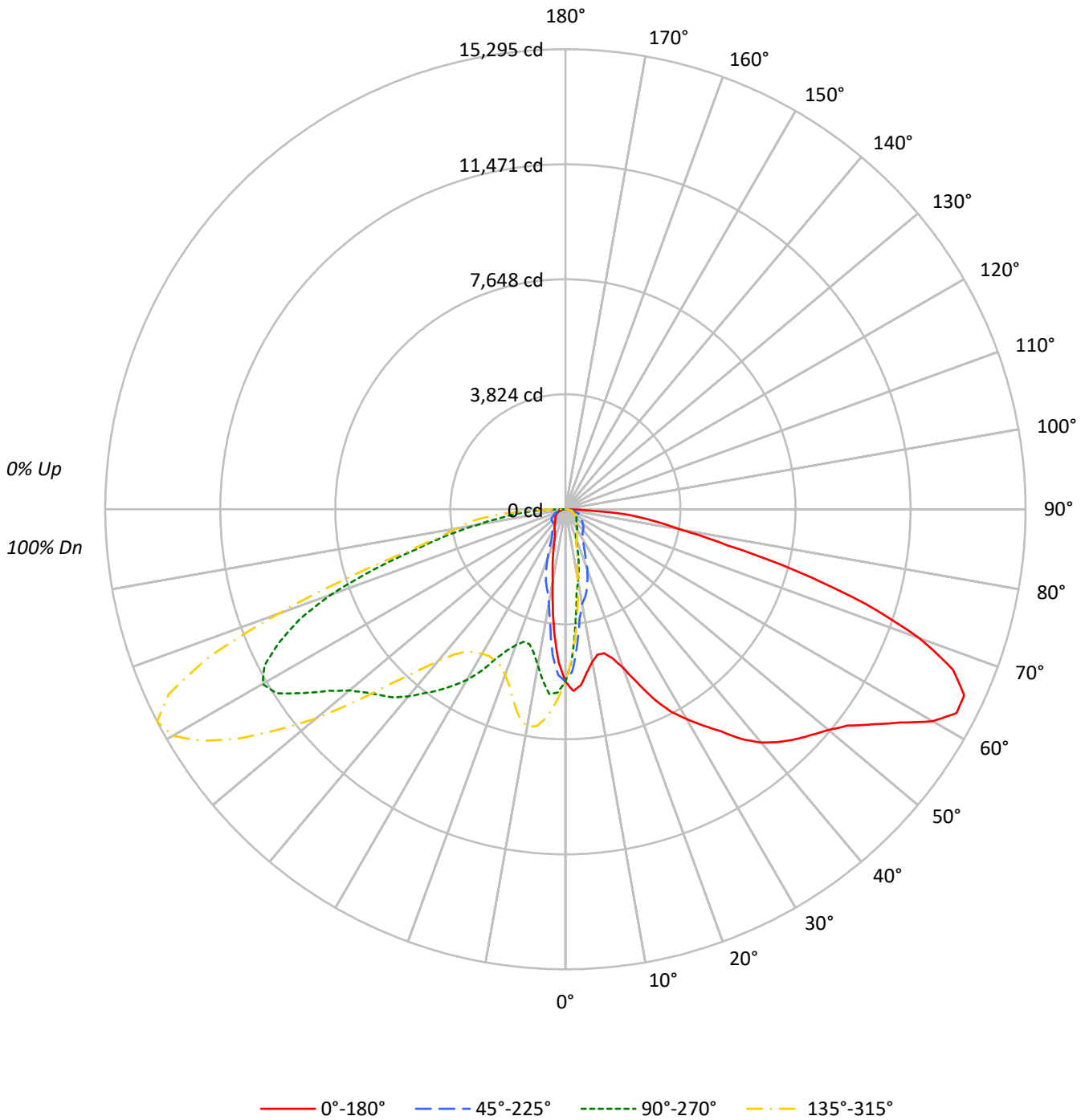
Lumens per Lamp: N/A  
 Luminaire Lumens: 19160.6 lumens  
 Efficiency: N/A  
 Efficacy: 115.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 166.1  
 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



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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°	61608	61608	61608	61608
5°	63403	41229	45041	66608
10°	56250	26198	26460	57565
15°	55207	18581	17598	51633
20°	64185	11754	11845	55002
25°	82544	10092	9807	65026
30°	100033	9565	8968	81402
35°	118398	8427	8112	96488
40°	142264	7998	7435	113991
45°	164616	7932	7200	132888
50°	191155	8055	7249	156924
55°	233928	8274	7371	199929
60°	303383	8284	7765	250059
65°	372409	8372	7962	267668
70°	394068	8831	8324	260610
75°	331719	9337	8334	212701
80°	240999	10934	8449	183853
85°	255427	15845	6928	191070

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	443.0	2.3
10°-20°	927.1	4.8
20°-30°	1336.0	7.0
30°-40°	1923.3	10.0
40°-50°	2731.9	14.3
50°-60°	3927.7	20.5
60°-70°	4537.8	23.7
70°-80°	2569.4	13.4
80°-90°	764.7	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°	2706.0	14.1
0°-40°	4629.3	24.2
0°-60°	11288.8	58.9
0°-90°	19160.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19160.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5724	5724	5724	5724	5724	
5°	5868	3816	4168	6164	5868	532
15°	4954	1667	1579	4633	4954	1457
25°	6950	850	826	5475	6950	3226
35°	9010	641	617	7343	9010	5718
45°	10814	521	473	8730	10814	8373
55°	12465	441	393	10654	12465	11289
65°	14622	329	313	10509	14622	14021
75°	7976	224	200	5114	7976	8463
85°	2068	128	56	1547	2068	2060
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°	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6
2.5°	6044.3	6036.3	5988.2	5835.8	5675.5	5523.2	5378.9	5226.6	5146.4	5050.3	5010.2
5°	5867.9	5851.9	5715.6	5378.9	5082.3	4761.7	4489.1	4272.7	4096.3	3920.0	3855.8
7.5°	5467.1	5443.1	5282.7	4817.8	4384.9	3968.1	3639.4	3358.8	3126.3	3022.1	2901.9
10°	5146.4	5106.4	4897.9	4384.9	3823.8	3406.9	3190.5	2998.1	2797.7	2629.3	2453.0
12.5°	4946.0	4897.9	4681.5	4080.3	3535.2	3222.5	2998.1	2781.6	2533.1	2324.7	2132.3
15°	4954.1	4897.9	4633.4	4000.1	3463.0	3062.2	2749.6	2453.0	2164.4	1931.9	1715.5
17.5°	5186.5	5114.4	4833.8	4112.3	3406.9	2853.8	2436.9	2052.2	1723.5	1475.0	1298.6
20°	5603.4	5555.3	5234.6	4280.7	3350.8	2629.3	2116.3	1651.4	1306.7	1114.3	1042.1
22.5°	6228.6	6172.5	5827.8	4537.2	3334.8	2428.9	1771.6	1298.6	1050.1	970.0	929.9
25°	6950.1	6845.9	6525.2	4970.1	3366.8	2244.6	1491.0	1074.2	937.9	881.8	857.7
27.5°	7575.4	7511.2	7150.5	5378.9	3382.9	2100.3	1298.6	978.0	873.8	825.7	809.6
30°	8048.3	8024.3	7671.6	5827.8	3342.8	1923.9	1178.4	937.9	873.8	825.7	777.6
32.5°	8521.3	8529.3	8152.6	6172.5	3286.7	1771.6	1066.2	833.7	769.6	737.5	745.5
35°	9010.3	9050.4	8729.7	6509.2	3166.4	1715.5	986.0	777.6	721.5	673.4	649.3
37.5°	9627.5	9731.8	9419.1	6886.0	3046.2	1667.4	945.9	737.5	681.4	641.3	609.2
40°	10124.6	10316.9	10132.6	7238.7	2966.0	1611.3	913.9	697.4	657.3	609.2	585.2
42.5°	10493.3	10717.8	10653.6	7511.2	2966.0	1555.2	881.8	673.4	641.3	585.2	553.1
45°	10814.0	11046.4	11038.4	7791.8	3030.2	1523.1	841.7	673.4	625.3	569.2	537.1
47.5°	11102.5	11335.0	11415.2	8144.5	3134.4	1507.1	793.6	657.3	625.3	561.1	513.0
50°	11415.2	11671.7	11912.2	8705.7	3262.6	1467.0	761.5	633.3	633.3	553.1	497.0
52.5°	11816.0	12104.6	12545.5	9403.1	3390.9	1394.8	713.4	617.3	633.3	545.1	481.0
55°	12465.3	12705.8	13283.0	10236.8	3551.2	1306.7	673.4	577.2	601.2	521.1	456.9
57.5°	13194.8	13403.2	13884.2	10878.1	3599.3	1194.4	617.3	537.1	577.2	497.0	424.9
60°	14092.6	14196.8	14196.8	11062.5	3439.0	1090.2	577.2	505.0	521.1	473.0	400.8
62.5°	14661.8	14661.8	14196.8	10725.8	3134.4	1002.0	545.1	473.0	456.9	440.9	376.8
65°	14621.7	14557.6	13868.2	9747.8	2781.6	945.9	513.0	432.9	408.8	400.8	352.7
67.5°	13948.3	13836.1	12898.2	8369.0	2412.9	921.9	481.0	392.8	376.8	360.7	320.7
70°	12521.4	12232.8	11078.5	6733.7	2052.2	905.8	473.0	360.7	344.7	328.7	296.6
72.5°	10453.2	10084.5	8649.6	5178.5	1723.5	849.7	448.9	320.7	312.6	296.6	264.5
75°	7976.2	7294.8	6036.3	3960.0	1338.7	737.5	384.8	280.6	280.6	272.6	240.5
77.5°	5499.2	5146.4	4208.5	2925.9	978.0	569.2	312.6	248.5	248.5	256.5	224.5
80°	3887.9	3559.2	2998.1	2100.3	617.3	384.8	240.5	208.4	232.5	248.5	208.4
82.5°	2974.0	2733.5	2228.5	1531.1	360.7	264.5	184.4	168.3	200.4	216.4	176.4
85°	2068.2	1779.6	1130.3	1026.1	208.4	160.3	136.3	136.3	176.4	216.4	160.3
87.5°	585.2	248.5	72.1	304.6	88.2	64.1	48.1	32.1	48.1	48.1	32.1
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°	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6
2.5°	4970.1	4922.0	4922.0	4906.0	4914.0	4922.0	4914.0	4970.1	4994.1	5026.2	5090.3
5°	3815.7	3879.9	3831.8	3879.9	3944.0	4040.2	4064.3	4136.4	4144.4	4200.5	4168.5
7.5°	2829.7	2821.7	2781.6	2837.8	3014.1	3150.4	3214.5	3254.6	3262.6	3262.6	3222.5
10°	2396.9	2324.7	2252.6	2212.5	2228.5	2372.8	2420.9	2445.0	2428.9	2453.0	2420.9
12.5°	2052.2	1988.0	1883.8	1811.7	1763.6	1803.7	1851.8	1875.8	1891.8	1931.9	1964.0
15°	1667.4	1603.3	1539.1	1499.0	1459.0	1426.9	1467.0	1491.0	1531.1	1563.2	1579.2
17.5°	1266.6	1234.5	1202.4	1226.5	1226.5	1210.5	1226.5	1234.5	1250.5	1274.6	1266.6
20°	1026.1	1018.1	1010.1	1050.1	1082.2	1082.2	1098.2	1074.2	1066.2	1042.1	1034.1
22.5°	913.9	913.9	921.9	953.9	986.0	1002.0	1002.0	962.0	921.9	905.8	913.9
25°	849.7	849.7	873.8	881.8	897.8	897.8	905.8	865.8	841.7	817.7	825.7
27.5°	801.6	801.6	809.6	809.6	817.7	817.7	825.7	809.6	777.6	769.6	769.6
30°	769.6	769.6	761.5	761.5	761.5	761.5	769.6	745.5	729.5	721.5	721.5
32.5°	737.5	729.5	721.5	721.5	713.4	713.4	721.5	697.4	689.4	689.4	689.4
35°	641.3	633.3	641.3	657.3	657.3	665.4	665.4	657.3	641.3	625.3	617.3
37.5°	601.2	593.2	593.2	593.2	609.2	617.3	625.3	609.2	585.2	561.1	561.1
40°	569.2	569.2	561.1	561.1	561.1	577.2	593.2	569.2	537.1	529.1	529.1
42.5°	545.1	537.1	529.1	521.1	513.0	537.1	553.1	521.1	505.0	505.0	505.0
45°	521.1	513.0	505.0	497.0	489.0	497.0	513.0	481.0	473.0	473.0	473.0
47.5°	497.0	489.0	473.0	464.9	456.9	456.9	473.0	448.9	440.9	448.9	448.9
50°	481.0	464.9	448.9	440.9	432.9	432.9	432.9	424.9	424.9	424.9	432.9
52.5°	464.9	448.9	424.9	416.8	408.8	408.8	408.8	408.8	400.8	408.8	416.8
55°	440.9	424.9	408.8	400.8	392.8	384.8	392.8	384.8	384.8	392.8	392.8
57.5°	408.8	392.8	376.8	376.8	368.7	368.7	376.8	368.7	368.7	376.8	376.8
60°	384.8	368.7	352.7	352.7	344.7	352.7	360.7	352.7	352.7	352.7	360.7
62.5°	352.7	344.7	328.7	328.7	328.7	328.7	336.7	328.7	336.7	336.7	336.7
65°	328.7	312.6	304.6	304.6	304.6	304.6	320.7	304.6	312.6	312.6	312.6
67.5°	304.6	288.6	280.6	280.6	280.6	280.6	296.6	280.6	288.6	296.6	288.6
70°	280.6	264.5	256.5	256.5	256.5	256.5	264.5	256.5	256.5	264.5	264.5
72.5°	248.5	240.5	232.5	232.5	224.5	232.5	240.5	232.5	232.5	232.5	232.5
75°	224.5	216.4	216.4	208.4	208.4	208.4	216.4	200.4	200.4	200.4	200.4
77.5°	208.4	192.4	192.4	192.4	184.4	192.4	184.4	168.3	168.3	168.3	168.3
80°	176.4	160.3	168.3	168.3	160.3	160.3	152.3	136.3	136.3	136.3	136.3
82.5°	144.3	128.3	136.3	136.3	136.3	136.3	120.2	112.2	104.2	96.2	96.2
85°	128.3	104.2	120.2	120.2	112.2	112.2	80.2	80.2	64.1	64.1	56.1
87.5°	24.0	16.0	32.1	40.1	40.1	48.1	32.1	40.1	24.0	16.0	16.0
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°	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6
2.5°	5082.3	5170.5	5290.7	5378.9	5515.2	5619.4	5779.7	5916.0	6044.3	6100.4	6156.5
5°	4264.7	4320.8	4505.1	4649.4	4865.9	5098.4	5386.9	5699.6	6020.2	6164.5	6332.9
7.5°	3190.5	3294.7	3398.9	3607.3	3871.9	4248.6	4617.4	5082.3	5531.2	5747.7	6036.3
10°	2477.0	2557.2	2677.4	2893.9	3142.4	3455.0	3895.9	4449.0	4986.1	5266.7	5563.3
12.5°	1988.0	2100.3	2260.6	2485.0	2773.6	3094.3	3414.9	3928.0	4553.2	4873.9	5210.6
15°	1611.3	1699.5	1875.8	2156.4	2493.1	2821.7	3158.4	3583.3	4264.7	4633.4	5034.2
17.5°	1282.6	1346.7	1507.1	1787.6	2124.3	2493.1	2877.8	3414.9	4168.5	4617.4	5090.3
20°	1042.1	1090.2	1194.4	1402.8	1723.5	2124.3	2605.3	3254.6	4224.6	4801.7	5378.9
22.5°	913.9	929.9	978.0	1090.2	1354.8	1779.6	2356.8	3118.3	4328.8	5074.3	5851.9
25°	825.7	841.7	857.7	929.9	1082.2	1483.0	2140.3	3038.2	4553.2	5475.1	6397.0
27.5°	769.6	785.6	793.6	825.7	929.9	1266.6	1956.0	2990.1	4857.9	6060.3	7070.4
30°	721.5	721.5	745.5	793.6	865.8	1114.3	1795.6	2877.8	5178.5	6549.3	7599.4
32.5°	681.4	689.4	721.5	745.5	793.6	986.0	1635.3	2733.5	5467.1	6950.1	8120.5
35°	609.2	609.2	617.3	657.3	721.5	881.8	1491.0	2589.3	5627.4	7342.9	8585.4
37.5°	561.1	569.2	585.2	617.3	673.4	809.6	1370.8	2428.9	5795.8	7711.7	9130.5
40°	529.1	537.1	553.1	585.2	641.3	745.5	1266.6	2300.7	5972.1	8112.5	9715.7
42.5°	505.0	513.0	529.1	561.1	609.2	729.5	1154.3	2196.5	6076.3	8481.2	10268.8
45°	481.0	489.0	513.0	545.1	585.2	713.4	1090.2	2124.3	6116.4	8729.7	10709.7
47.5°	456.9	464.9	489.0	537.1	585.2	689.4	1066.2	2084.2	6148.5	9010.3	11062.5
50°	432.9	448.9	481.0	529.1	593.2	657.3	1050.1	2076.2	6332.9	9371.0	11399.1
52.5°	416.8	440.9	473.0	529.1	585.2	609.2	1042.1	2100.3	6701.6	9908.1	11880.1
55°	400.8	424.9	456.9	529.1	561.1	569.2	1002.0	2140.3	7262.7	10653.6	12561.5
57.5°	384.8	400.8	440.9	513.0	529.1	537.1	921.9	2196.5	7823.9	11383.1	13258.9
60°	360.7	376.8	416.8	513.0	481.0	505.0	817.7	2212.5	8224.7	11615.6	13323.0
62.5°	336.7	352.7	392.8	529.1	440.9	473.0	729.5	2156.4	8304.9	11278.9	12962.3
65°	312.6	328.7	360.7	440.9	408.8	440.9	673.4	2004.1	8040.3	10509.3	12305.0
67.5°	288.6	304.6	328.7	360.7	368.7	400.8	649.3	1763.6	7375.0	9555.4	11407.2
70°	256.5	272.6	296.6	320.7	328.7	376.8	609.2	1531.1	6300.8	8280.8	10308.9
72.5°	232.5	240.5	264.5	280.6	296.6	344.7	585.2	1338.7	4817.8	6701.6	8409.1
75°	200.4	200.4	224.5	240.5	256.5	304.6	537.1	1114.3	3398.9	5114.4	6180.5
77.5°	168.3	168.3	184.4	200.4	216.4	264.5	456.9	905.8	2356.8	4056.2	4481.1
80°	128.3	128.3	144.3	160.3	176.4	224.5	368.7	665.4	1459.0	2966.0	3262.6
82.5°	88.2	88.2	112.2	120.2	128.3	176.4	280.6	456.9	857.7	2140.3	2332.7
85°	48.1	48.1	64.1	72.1	88.2	128.3	208.4	320.7	513.0	1547.1	1555.2
87.5°	8.0	8.0	24.0	24.0	40.1	64.1	120.2	176.4	288.6	857.7	545.1
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: P598690  
 CATALOG NUMBER: IFLD-M-SA4B-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6	5723.6
2.5°	6260.7	6348.9	6356.9	6356.9	6316.8	6324.8	6212.6	6092.4	6052.3	6044.3
5°	6589.4	6821.8	6886.0	6918.0	6813.8	6653.5	6364.9	6052.3	5892.0	5867.9
7.5°	6525.2	6990.2	7238.7	7270.8	7062.3	6685.6	6180.5	5699.6	5515.2	5467.1
10°	6148.5	6773.8	7222.7	7334.9	7110.4	6629.5	5972.1	5411.0	5186.5	5146.4
12.5°	5883.9	6485.2	6926.1	7078.4	6974.2	6557.3	5867.9	5226.6	5002.2	4946.0
15°	5739.7	6292.8	6581.4	6629.5	6621.4	6445.1	5867.9	5266.7	5018.2	4954.1
17.5°	5859.9	6236.7	6276.7	6164.5	6228.6	6316.8	5996.2	5483.1	5242.6	5186.5
20°	6100.4	6212.6	6020.2	5851.9	5883.9	6164.5	6196.6	5892.0	5699.6	5603.4
22.5°	6605.4	6300.8	5859.9	5627.4	5651.5	6044.3	6461.1	6445.1	6276.7	6228.6
25°	7118.5	6549.3	5811.8	5539.2	5571.3	6020.2	6773.8	7062.3	6974.2	6950.1
27.5°	7687.6	6966.1	5843.9	5499.2	5539.2	6052.3	6990.2	7583.4	7599.4	7575.4
30°	8072.4	7166.5	5940.1	5547.3	5603.4	6132.5	7038.3	7896.0	8040.3	8048.3
32.5°	8393.0	7367.0	6140.5	5627.4	5723.6	6276.7	7166.5	8192.6	8513.3	8521.3
35°	8649.6	7591.4	6389.0	5771.7	5916.0	6517.2	7334.9	8473.2	8954.2	9010.3
37.5°	8978.2	7839.9	6677.6	6084.4	6244.7	6861.9	7631.5	8801.9	9475.2	9627.5
40°	9330.9	8088.4	7094.4	6589.4	6821.8	7375.0	7968.2	9170.6	9916.1	10124.6
42.5°	9723.7	8353.0	7567.4	7270.8	7623.5	8024.3	8353.0	9507.3	10252.8	10493.3
45°	10108.5	8673.6	8256.8	8200.6	8593.4	8793.9	8729.7	9747.8	10573.5	10814.0
47.5°	10381.1	9138.6	9090.5	9427.1	9795.9	9691.7	9170.6	9924.1	10838.0	11102.5
50°	10629.6	9715.7	10140.6	10797.9	11022.4	10669.7	9643.6	10164.6	11118.6	11415.2
52.5°	10998.3	10333.0	11222.8	12040.4	12256.9	11695.7	10156.6	10557.4	11551.5	11816.0
55°	11751.9	11030.4	12353.1	13291.0	13331.1	12633.6	10846.0	11222.8	12160.7	12465.3
57.5°	12593.6	11888.1	13250.9	14325.1	14309.1	13571.6	11623.6	12120.6	12986.4	13194.8
60°	13355.1	12753.9	14228.9	15062.6	15022.5	14252.9	12529.4	13138.7	13932.3	14092.6
62.5°	13804.0	13539.5	14661.8	15295.1	15142.7	14477.4	13299.0	14044.5	14605.7	14661.8
65°	13731.9	13988.4	14156.7	14549.5	14333.1	13852.1	13675.8	14621.7	14677.8	14621.7
67.5°	13186.8	13731.9	12769.9	12810.0	12697.8	12288.9	13090.6	14469.4	14084.6	13948.3
70°	12361.1	12401.2	10677.7	10172.7	10349.0	9787.9	11230.8	13283.0	12689.8	12521.4
72.5°	10990.3	10493.3	8072.4	7559.3	7823.9	7423.1	9010.3	11575.5	10998.3	10453.2
75°	9218.7	8312.9	6148.5	5419.0	5555.3	5539.2	6982.2	9563.4	8521.3	7976.2
77.5°	7142.5	6477.2	4537.2	4256.6	4112.3	4144.4	4873.9	7110.4	6180.5	5499.2
80°	5218.6	4529.2	3511.1	3671.5	3591.3	3398.9	3414.9	4761.7	4296.7	3887.9
82.5°	3607.3	3222.5	2845.8	3214.5	3022.1	2725.5	2661.4	3431.0	3222.5	2974.0
85°	2420.9	2653.4	2260.6	2461.0	2132.3	1964.0	2501.1	2869.8	2316.7	2068.2
87.5°	1579.2	2428.9	1627.3	1234.5	705.4	945.9	1531.1	1883.8	1082.2	585.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)