

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: P598661

Luminaire Tested: **IFLD-M-SA4B-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598661  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4B-730-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (64) 3000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

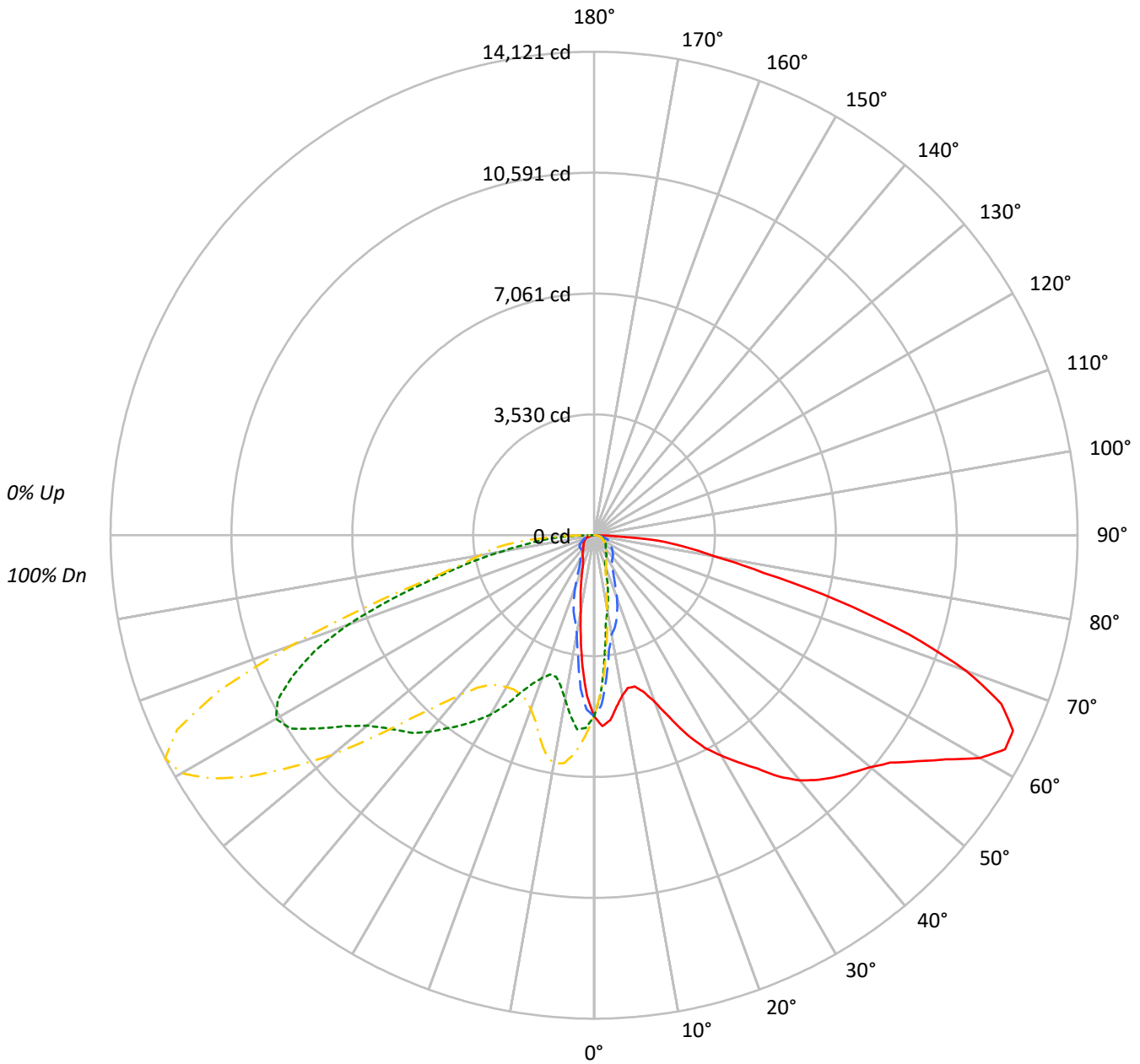
Lumens per Lamp: N/A  
 Luminaire Lumens: 17690.0 lumens  
 Efficiency: N/A  
 Efficacy: 106.5 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 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



— 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
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77				77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59				59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46				46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36				36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30				30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25				25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21				21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18				18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16				16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14				14

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	56880	56880	56880	56880
5°	58536	38065	41583	61496
10°	51934	24187	24430	53147
15°	50969	17154	16247	47670
20°	59259	10851	10936	50781
25°	76209	9317	9054	60035
30°	92356	8831	8279	75154
35°	109310	7780	7489	89082
40°	131344	7384	6864	105241
45°	151981	7324	6648	122689
50°	176483	7437	6693	144880
55°	215974	7640	6805	184584
60°	280099	7647	7169	230867
65°	343824	7727	7351	247124
70°	363824	8151	7685	240607
75°	306258	8617	7694	196373
80°	222502	10091	7798	169745
85°	235827	14623	6397	176410

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	409.0	2.3
10°-20°	855.9	4.8
20°-30°	1233.4	7.0
30°-40°	1775.7	10.0
40°-50°	2522.2	14.3
50°-60°	3626.2	20.5
60°-70°	4189.5	23.7
70°-80°	2372.1	13.4
80°-90°	706.0	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°	2498.3	14.1
0°-40°	4274.0	24.2
0°-60°	10422.4	58.9
0°-90°	17690.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17690.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5284	5284	5284	5284	5284	
5°	5418	3523	3848	5691	5418	492
15°	4574	1539	1458	4278	4574	1345
25°	6417	784	762	5055	6417	2978
35°	8319	592	570	6779	8319	5280
45°	9984	481	437	8060	9984	7731
55°	11509	407	363	9836	11509	10423
65°	13499	303	289	9703	13499	12945
75°	7364	207	185	4722	7364	7814
85°	1910	118	52	1428	1910	1902
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°	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3
2.5°	5580.4	5573.0	5528.6	5387.9	5239.9	5099.3	4966.1	4825.5	4751.5	4662.6	4625.6
5°	5417.5	5402.7	5276.9	4966.1	4692.2	4396.2	4144.6	3944.7	3781.9	3619.1	3559.9
7.5°	5047.5	5025.3	4877.3	4448.0	4048.4	3663.5	3360.1	3101.0	2886.4	2790.2	2679.2
10°	4751.5	4714.4	4522.0	4048.4	3530.3	3145.4	2945.6	2768.0	2583.0	2427.5	2264.7
12.5°	4566.4	4522.0	4322.2	3767.1	3263.8	2975.2	2768.0	2568.2	2338.7	2146.3	1968.7
15°	4573.8	4522.0	4277.8	3693.1	3197.2	2827.2	2538.5	2264.7	1998.3	1783.6	1583.8
17.5°	4788.5	4721.8	4462.8	3796.7	3145.4	2634.8	2249.9	1894.7	1591.2	1361.8	1199.0
20°	5173.3	5128.9	4832.9	3952.1	3093.6	2427.5	1953.9	1524.6	1206.4	1028.7	962.1
22.5°	5750.6	5698.8	5380.5	4189.0	3078.8	2242.5	1635.6	1199.0	969.5	895.5	858.5
25°	6416.7	6320.5	6024.4	4588.6	3108.4	2072.3	1376.6	991.7	865.9	814.1	791.9
27.5°	6994.0	6934.7	6601.7	4966.1	3123.2	1939.1	1199.0	902.9	806.7	762.3	747.5
30°	7430.6	7408.4	7082.8	5380.5	3086.2	1776.2	1087.9	865.9	806.7	762.3	717.9
32.5°	7867.3	7874.7	7526.8	5698.8	3034.4	1635.6	984.3	769.7	710.5	680.9	688.3
35°	8318.7	8355.7	8059.7	6009.6	2923.4	1583.8	910.3	717.9	666.1	621.7	599.5
37.5°	8888.6	8984.8	8696.2	6357.5	2812.4	1539.4	873.3	680.9	629.1	592.1	562.5
40°	9347.5	9525.1	9354.9	6683.1	2738.4	1487.6	843.7	643.9	606.9	562.5	540.3
42.5°	9687.9	9895.2	9835.9	6934.7	2738.4	1435.8	814.1	621.7	592.1	540.3	510.7
45°	9984.0	10198.6	10191.2	7193.8	2797.6	1406.2	777.1	621.7	577.3	525.5	495.9
47.5°	10250.4	10465.0	10539.0	7519.4	2893.8	1391.4	732.7	606.9	577.3	518.1	473.7
50°	10539.0	10775.9	10997.9	8037.5	3012.2	1354.4	703.1	584.7	584.7	510.7	458.9
52.5°	10909.1	11175.5	11582.6	8681.4	3130.6	1287.8	658.7	569.9	584.7	503.3	444.1
55°	11508.6	11730.6	12263.5	9451.1	3278.6	1206.4	621.7	532.9	555.1	481.1	421.9
57.5°	12182.1	12374.5	12818.6	10043.2	3323.1	1102.8	569.9	495.9	532.9	458.9	392.3
60°	13011.0	13107.2	13107.2	10213.4	3175.0	1006.5	532.9	466.3	481.1	436.7	370.1
62.5°	13536.5	13536.5	13107.2	9902.6	2893.8	925.1	503.3	436.7	421.9	407.1	347.8
65°	13499.4	13440.2	12803.8	8999.6	2568.2	873.3	473.7	399.7	377.5	370.1	325.6
67.5°	12877.8	12774.1	11908.2	7726.7	2227.7	851.1	444.1	362.6	347.8	333.0	296.0
70°	11560.4	11293.9	10228.2	6216.9	1894.7	836.3	436.7	333.0	318.2	303.4	273.8
72.5°	9650.9	9310.5	7985.7	4781.1	1591.2	784.5	414.5	296.0	288.6	273.8	244.2
75°	7364.0	6734.9	5573.0	3656.1	1236.0	680.9	355.2	259.0	259.0	251.6	222.0
77.5°	5077.1	4751.5	3885.5	2701.4	902.9	525.5	288.6	229.4	229.4	236.8	207.2
80°	3589.5	3286.1	2768.0	1939.1	569.9	355.2	222.0	192.4	214.6	229.4	192.4
82.5°	2745.8	2523.7	2057.5	1413.6	333.0	244.2	170.2	155.4	185.0	199.8	162.8
85°	1909.5	1643.0	1043.5	947.3	192.4	148.0	125.8	125.8	162.8	199.8	148.0
87.5°	540.3	229.4	66.6	281.2	81.4	59.2	44.4	29.6	44.4	44.4	29.6
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3
2.5°	4588.6	4544.2	4544.2	4529.4	4536.8	4544.2	4536.8	4588.6	4610.8	4640.4	4699.6
5°	3522.9	3582.1	3537.7	3582.1	3641.3	3730.1	3752.3	3818.9	3826.3	3878.1	3848.5
7.5°	2612.6	2605.2	2568.2	2620.0	2782.8	2908.6	2967.8	3004.8	3012.2	3012.2	2975.2
10°	2212.9	2146.3	2079.7	2042.7	2057.5	2190.7	2235.1	2257.3	2242.5	2264.7	2235.1
12.5°	1894.7	1835.5	1739.2	1672.6	1628.2	1665.2	1709.6	1731.8	1746.6	1783.6	1813.2
15°	1539.4	1480.2	1421.0	1384.0	1347.0	1317.4	1354.4	1376.6	1413.6	1443.2	1458.0
17.5°	1169.4	1139.8	1110.2	1132.4	1132.4	1117.6	1132.4	1139.8	1154.6	1176.8	1169.4
20°	947.3	939.9	932.5	969.5	999.1	999.1	1013.9	991.7	984.3	962.1	954.7
22.5°	843.7	843.7	851.1	880.7	910.3	925.1	925.1	888.1	851.1	836.3	843.7
25°	784.5	784.5	806.7	814.1	828.9	828.9	836.3	799.3	777.1	754.9	762.3
27.5°	740.1	740.1	747.5	747.5	754.9	754.9	762.3	747.5	717.9	710.5	710.5
30°	710.5	710.5	703.1	703.1	703.1	703.1	710.5	688.3	673.5	666.1	666.1
32.5°	680.9	673.5	666.1	666.1	658.7	658.7	666.1	643.9	636.5	636.5	636.5
35°	592.1	584.7	592.1	606.9	606.9	614.3	614.3	606.9	592.1	577.3	569.9
37.5°	555.1	547.7	547.7	547.7	562.5	569.9	577.3	562.5	540.3	518.1	518.1
40°	525.5	525.5	518.1	518.1	518.1	532.9	547.7	525.5	495.9	488.5	488.5
42.5°	503.3	495.9	488.5	481.1	473.7	495.9	510.7	481.1	466.3	466.3	466.3
45°	481.1	473.7	466.3	458.9	451.5	458.9	473.7	444.1	436.7	436.7	436.7
47.5°	458.9	451.5	436.7	429.3	421.9	421.9	436.7	414.5	407.1	414.5	414.5
50°	444.1	429.3	414.5	407.1	399.7	399.7	399.7	392.3	392.3	392.3	399.7
52.5°	429.3	414.5	392.3	384.9	377.5	377.5	377.5	377.5	370.1	377.5	384.9
55°	407.1	392.3	377.5	370.1	362.6	355.2	362.6	355.2	355.2	362.6	362.6
57.5°	377.5	362.6	347.8	347.8	340.4	340.4	347.8	340.4	340.4	347.8	347.8
60°	355.2	340.4	325.6	325.6	318.2	325.6	333.0	325.6	325.6	325.6	333.0
62.5°	325.6	318.2	303.4	303.4	303.4	303.4	310.8	303.4	310.8	310.8	310.8
65°	303.4	288.6	281.2	281.2	281.2	281.2	296.0	281.2	288.6	288.6	288.6
67.5°	281.2	266.4	259.0	259.0	259.0	259.0	273.8	259.0	266.4	273.8	266.4
70°	259.0	244.2	236.8	236.8	236.8	236.8	244.2	236.8	236.8	244.2	244.2
72.5°	229.4	222.0	214.6	214.6	207.2	214.6	222.0	214.6	214.6	214.6	214.6
75°	207.2	199.8	199.8	192.4	192.4	192.4	199.8	185.0	185.0	185.0	185.0
77.5°	192.4	177.6	177.6	177.6	170.2	177.6	170.2	155.4	155.4	155.4	155.4
80°	162.8	148.0	155.4	155.4	148.0	148.0	140.6	125.8	125.8	125.8	125.8
82.5°	133.2	118.4	125.8	125.8	125.8	125.8	111.0	103.6	96.2	88.8	88.8
85°	118.4	96.2	111.0	111.0	103.6	103.6	74.0	74.0	59.2	59.2	51.8
87.5°	22.2	14.8	29.6	37.0	37.0	44.4	29.6	37.0	22.2	14.8	14.8
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3
2.5°	4692.2	4773.7	4884.7	4966.1	5091.9	5188.1	5336.1	5461.9	5580.4	5632.2	5684.0
5°	3937.3	3989.1	4159.4	4292.6	4492.4	4707.0	4973.5	5262.1	5558.2	5691.4	5846.8
7.5°	2945.6	3041.8	3138.0	3330.5	3574.7	3922.5	4263.0	4692.2	5106.7	5306.5	5573.0
10°	2286.9	2360.9	2471.9	2671.8	2901.2	3189.8	3596.9	4107.6	4603.4	4862.5	5136.3
12.5°	1835.5	1939.1	2087.1	2294.3	2560.8	2856.8	3152.8	3626.5	4203.8	4499.8	4810.7
15°	1487.6	1569.0	1731.8	1990.9	2301.7	2605.2	2916.0	3308.3	3937.3	4277.8	4647.8
17.5°	1184.2	1243.4	1391.4	1650.4	1961.3	2301.7	2657.0	3152.8	3848.5	4263.0	4699.6
20°	962.1	1006.5	1102.8	1295.2	1591.2	1961.3	2405.3	3004.8	3900.3	4433.2	4966.1
22.5°	843.7	858.5	902.9	1006.5	1250.8	1643.0	2175.9	2879.0	3996.5	4684.8	5402.7
25°	762.3	777.1	791.9	858.5	999.1	1369.2	1976.1	2805.0	4203.8	5054.9	5906.0
27.5°	710.5	725.3	732.7	762.3	858.5	1169.4	1805.8	2760.6	4485.0	5595.2	6527.7
30°	666.1	666.1	688.3	732.7	799.3	1028.7	1657.8	2657.0	4781.1	6046.6	7016.2
32.5°	629.1	636.5	666.1	688.3	732.7	910.3	1509.8	2523.7	5047.5	6416.7	7497.2
35°	562.5	562.5	569.9	606.9	666.1	814.1	1376.6	2390.5	5195.5	6779.3	7926.5
37.5°	518.1	525.5	540.3	569.9	621.7	747.5	1265.6	2242.5	5350.9	7119.8	8429.8
40°	488.5	495.9	510.7	540.3	592.1	688.3	1169.4	2124.1	5513.8	7489.8	8970.0
42.5°	466.3	473.7	488.5	518.1	562.5	673.5	1065.7	2027.9	5610.0	7830.3	9480.7
45°	444.1	451.5	473.7	503.3	540.3	658.7	1006.5	1961.3	5647.0	8059.7	9887.8
47.5°	421.9	429.3	451.5	495.9	540.3	636.5	984.3	1924.3	5676.6	8318.7	10213.4
50°	399.7	414.5	444.1	488.5	547.7	606.9	969.5	1916.9	5846.8	8651.8	10524.2
52.5°	384.9	407.1	436.7	488.5	540.3	562.5	962.1	1939.1	6187.2	9147.7	10968.3
55°	370.1	392.3	421.9	488.5	518.1	525.5	925.1	1976.1	6705.3	9835.9	11597.4
57.5°	355.2	370.1	407.1	473.7	488.5	495.9	851.1	2027.9	7223.4	10509.4	12241.3
60°	333.0	347.8	384.9	473.7	444.1	466.3	754.9	2042.7	7593.4	10724.1	12300.5
62.5°	310.8	325.6	362.6	488.5	407.1	436.7	673.5	1990.9	7667.5	10413.2	11967.4
65°	288.6	303.4	333.0	407.1	377.5	407.1	621.7	1850.3	7423.2	9702.7	11360.6
67.5°	266.4	281.2	303.4	333.0	340.4	370.1	599.5	1628.2	6808.9	8822.0	10531.6
70°	236.8	251.6	273.8	296.0	303.4	347.8	562.5	1413.6	5817.2	7645.2	9517.7
72.5°	214.6	222.0	244.2	259.0	273.8	318.2	540.3	1236.0	4448.0	6187.2	7763.7
75°	185.0	185.0	207.2	222.0	236.8	281.2	495.9	1028.7	3138.0	4721.8	5706.2
77.5°	155.4	155.4	170.2	185.0	199.8	244.2	421.9	836.3	2175.9	3744.9	4137.2
80°	118.4	118.4	133.2	148.0	162.8	207.2	340.4	614.3	1347.0	2738.4	3012.2
82.5°	81.4	81.4	103.6	111.0	118.4	162.8	259.0	421.9	791.9	1976.1	2153.7
85°	44.4	44.4	59.2	66.6	81.4	118.4	192.4	296.0	473.7	1428.4	1435.8
87.5°	7.4	7.4	22.2	22.2	37.0	59.2	111.0	162.8	266.4	791.9	503.3
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: P598661  
 CATALOG NUMBER: IFLD-M-SA4B-730-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3	5284.3
2.5°	5780.2	5861.6	5869.0	5869.0	5832.0	5839.4	5735.8	5624.8	5587.8	5580.4
5°	6083.6	6298.3	6357.5	6387.1	6290.9	6142.8	5876.4	5587.8	5439.7	5417.5
7.5°	6024.4	6453.7	6683.1	6712.7	6520.3	6172.4	5706.2	5262.1	5091.9	5047.5
10°	5676.6	6253.9	6668.3	6771.9	6564.7	6120.6	5513.8	4995.7	4788.5	4751.5
12.5°	5432.3	5987.4	6394.5	6535.1	6438.9	6054.0	5417.5	4825.5	4618.2	4566.4
15°	5299.1	5809.8	6076.2	6120.6	6113.2	5950.4	5417.5	4862.5	4633.0	4573.8
17.5°	5410.1	5758.0	5795.0	5691.4	5750.6	5832.0	5536.0	5062.3	4840.3	4788.5
20°	5632.2	5735.8	5558.2	5402.7	5432.3	5691.4	5721.0	5439.7	5262.1	5173.3
22.5°	6098.4	5817.2	5410.1	5195.5	5217.7	5580.4	5965.2	5950.4	5795.0	5750.6
25°	6572.1	6046.6	5365.7	5114.1	5143.7	5558.2	6253.9	6520.3	6438.9	6416.7
27.5°	7097.6	6431.5	5395.3	5077.1	5114.1	5587.8	6453.7	7001.4	7016.2	6994.0
30°	7452.8	6616.5	5484.2	5121.5	5173.3	5661.8	6498.1	7290.0	7423.2	7430.6
32.5°	7748.9	6801.5	5669.2	5195.5	5284.3	5795.0	6616.5	7563.8	7859.9	7867.3
35°	7985.7	7008.8	5898.6	5328.7	5461.9	6017.0	6771.9	7822.9	8266.9	8318.7
37.5°	8289.1	7238.2	6165.0	5617.4	5765.4	6335.3	7045.8	8126.3	8748.0	8888.6
40°	8614.8	7467.6	6549.9	6083.6	6298.3	6808.9	7356.6	8466.8	9155.1	9347.5
42.5°	8977.4	7711.9	6986.6	6712.7	7038.4	7408.4	7711.9	8777.6	9465.9	9687.9
45°	9332.7	8007.9	7623.0	7571.2	7933.9	8118.9	8059.7	8999.6	9761.9	9984.0
47.5°	9584.3	8437.2	8392.7	8703.6	9044.0	8947.8	8466.8	9162.5	10006.2	10250.4
50°	9813.7	8970.0	9362.3	9969.2	10176.4	9850.7	8903.4	9384.5	10265.2	10539.0
52.5°	10154.2	9539.9	10361.4	11116.3	11316.2	10798.1	9377.1	9747.1	10664.9	10909.1
55°	10849.9	10183.8	11405.0	12270.9	12307.9	11664.0	10013.6	10361.4	11227.3	11508.6
57.5°	11627.0	10975.7	12233.9	13225.6	13210.8	12529.9	10731.5	11190.3	11989.6	12182.1
60°	12330.1	11775.0	13136.8	13906.5	13869.5	13159.0	11567.8	12130.3	12863.0	13011.0
62.5°	12744.5	12500.3	13536.5	14121.1	13980.5	13366.2	12278.3	12966.6	13484.6	13536.5
65°	12677.9	12914.8	13070.2	13432.8	13233.0	12789.0	12626.1	13499.4	13551.3	13499.4
67.5°	12174.7	12677.9	11789.8	11826.8	11723.2	11345.8	12085.9	13358.8	13003.6	12877.8
70°	11412.4	11449.4	9858.2	9391.9	9554.7	9036.6	10368.8	12263.5	11715.8	11560.4
72.5°	10146.8	9687.9	7452.8	6979.2	7223.4	6853.3	8318.7	10687.1	10154.2	9650.9
75°	8511.2	7674.9	5676.6	5003.1	5128.9	5114.1	6446.3	8829.4	7867.3	7364.0
77.5°	6594.3	5980.0	4189.0	3929.9	3796.7	3826.3	4499.8	6564.7	5706.2	5077.1
80°	4818.1	4181.6	3241.6	3389.7	3315.7	3138.0	3152.8	4396.2	3966.9	3589.5
82.5°	3330.5	2975.2	2627.4	2967.8	2790.2	2516.3	2457.1	3167.6	2975.2	2745.8
85°	2235.1	2449.7	2087.1	2272.1	1968.7	1813.2	2309.1	2649.6	2138.9	1909.5
87.5°	1458.0	2242.5	1502.4	1139.8	651.3	873.3	1413.6	1739.2	999.1	540.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)