

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: P598632

Luminaire Tested: **IFLD-M-SA4B-727-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598632  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4B-727-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (64) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

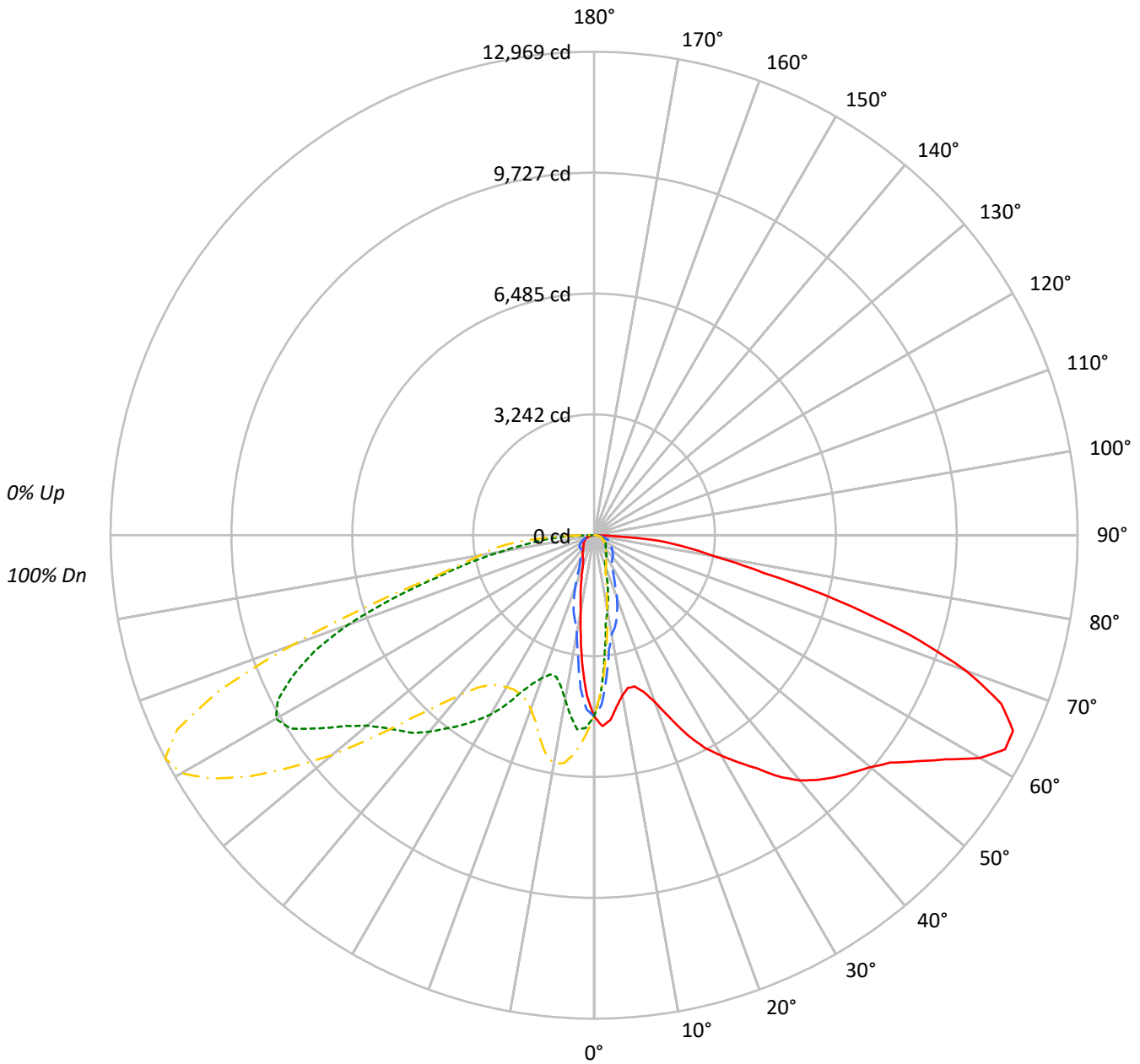
Lumens per Lamp: N/A  
 Luminaire Lumens: 16246.6 lumens  
 Efficiency: N/A  
 Efficacy: 97.8 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

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	
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°	52239	52239	52239	52239
5°	53760	34959	38190	56478
10°	47696	22213	22436	48810
15°	46810	15755	14921	43780
20°	54424	9966	10043	46638
25°	69990	8557	8315	55136
30°	84820	8110	7603	69023
35°	100392	7146	6878	81814
40°	120628	6781	6303	96655
45°	139579	6725	6104	112678
50°	162083	6829	6146	133058
55°	198351	7015	6251	169524
60°	257245	7025	6585	212028
65°	315772	7098	6752	226960
70°	334137	7487	7059	220975
75°	281268	7914	7066	180353
80°	204346	9267	7166	155891
85°	216586	13437	5879	162010

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	375.6	2.3
10°-20°	786.1	4.8
20°-30°	1132.8	7.0
30°-40°	1630.8	10.0
40°-50°	2316.4	14.3
50°-60°	3330.3	20.5
60°-70°	3847.6	23.7
70°-80°	2178.6	13.4
80°-90°	648.4	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°	2294.5	14.1
0°-40°	3925.2	24.2
0°-60°	9572.0	58.9
0°-90°	16246.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16246.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4853	4853	4853	4853	4853	
5°	4976	3235	3534	5227	4976	451
15°	4201	1414	1339	3929	4201	1235
25°	5893	720	700	4642	5893	2735
35°	7640	544	523	6226	7640	4849
45°	9169	442	401	7402	9169	7100
55°	10570	374	333	9033	10570	9572
65°	12398	279	265	8911	12398	11889
75°	6763	190	170	4337	6763	7176
85°	1754	109	48	1312	1754	1746
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°	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2
2.5°	5125.0	5118.2	5077.5	4948.3	4812.4	4683.2	4560.9	4431.7	4363.8	4282.2	4248.2
5°	4975.5	4961.9	4846.4	4560.9	4309.4	4037.5	3806.4	3622.9	3473.3	3323.8	3269.4
7.5°	4635.6	4615.3	4479.3	4085.1	3718.0	3364.6	3085.9	2848.0	2650.9	2562.5	2460.6
10°	4363.8	4329.8	4153.0	3718.0	3242.2	2888.8	2705.3	2542.1	2372.2	2229.5	2079.9
12.5°	4193.8	4153.0	3969.5	3459.7	2997.5	2732.4	2542.1	2358.6	2147.9	1971.2	1808.0
15°	4200.6	4153.0	3928.7	3391.8	2936.4	2596.5	2331.4	2079.9	1835.2	1638.1	1454.6
17.5°	4397.7	4336.6	4098.7	3486.9	2888.8	2419.8	2066.3	1740.1	1461.4	1250.7	1101.1
20°	4751.2	4710.4	4438.5	3629.7	2841.2	2229.5	1794.4	1400.2	1107.9	944.8	883.6
22.5°	5281.4	5233.8	4941.5	3847.2	2827.6	2059.5	1502.2	1101.1	890.4	822.5	788.5
25°	5893.1	5804.8	5532.9	4214.2	2854.8	1903.2	1264.3	910.8	795.3	747.7	727.3
27.5°	6423.3	6368.9	6063.0	4560.9	2868.4	1780.8	1101.1	829.3	740.9	700.1	686.5
30°	6824.3	6803.9	6504.9	4941.5	2834.4	1631.3	999.2	795.3	740.9	700.1	659.3
32.5°	7225.4	7232.1	6912.7	5233.8	2786.8	1502.2	904.0	706.9	652.5	625.3	632.1
35°	7640.0	7674.0	7402.1	5519.3	2684.9	1454.6	836.0	659.3	611.7	571.0	550.6
37.5°	8163.4	8251.7	7986.6	5838.7	2582.9	1413.8	802.1	625.3	577.8	543.8	516.6
40°	8584.8	8747.9	8591.6	6137.8	2514.9	1366.2	774.9	591.4	557.4	516.6	496.2
42.5°	8897.4	9087.8	9033.4	6368.9	2514.9	1318.6	747.7	571.0	543.8	496.2	469.0
45°	9169.3	9366.4	9359.6	6606.8	2569.3	1291.5	713.7	571.0	530.2	482.6	455.4
47.5°	9414.0	9611.1	9679.1	6905.9	2657.7	1277.9	672.9	557.4	530.2	475.8	435.0
50°	9679.1	9896.6	10100.5	7381.7	2766.4	1243.9	645.7	537.0	537.0	469.0	421.4
52.5°	10019.0	10263.7	10637.5	7973.0	2875.2	1182.7	604.9	523.4	537.0	462.2	407.8
55°	10569.5	10773.5	11262.8	8679.9	3011.1	1107.9	571.0	489.4	509.8	441.8	387.4
57.5°	11188.1	11364.8	11772.6	9223.7	3051.9	1012.8	523.4	455.4	489.4	421.4	360.2
60°	11949.4	12037.7	12037.7	9380.0	2916.0	924.4	489.4	428.2	441.8	401.0	339.9
62.5°	12432.0	12432.0	12037.7	9094.6	2657.7	849.6	462.2	401.0	387.4	373.8	319.5
65°	12398.0	12343.6	11759.0	8265.3	2358.6	802.1	435.0	367.0	346.7	339.9	299.1
67.5°	11827.0	11731.8	10936.6	7096.2	2045.9	781.7	407.8	333.1	319.5	305.9	271.9
70°	10617.1	10372.4	9393.6	5709.6	1740.1	768.1	401.0	305.9	292.3	278.7	251.5
72.5°	8863.5	8550.8	7334.1	4390.9	1461.4	720.5	380.6	271.9	265.1	251.5	224.3
75°	6763.1	6185.4	5118.2	3357.8	1135.1	625.3	326.3	237.9	237.9	231.1	203.9
77.5°	4662.8	4363.8	3568.5	2481.0	829.3	482.6	265.1	210.7	210.7	217.5	190.3
80°	3296.6	3017.9	2542.1	1780.8	523.4	326.3	203.9	176.7	197.1	210.7	176.7
82.5°	2521.7	2317.8	1889.6	1298.3	305.9	224.3	156.3	142.7	169.9	183.5	149.5
85°	1753.7	1509.0	958.4	870.0	176.7	135.9	115.6	115.6	149.5	183.5	135.9
87.5°	496.2	210.7	61.2	258.3	74.8	54.4	40.8	27.2	40.8	40.8	27.2
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°	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2
2.5°	4214.2	4173.4	4173.4	4159.8	4166.6	4173.4	4166.6	4214.2	4234.6	4261.8	4316.2
5°	3235.4	3289.8	3249.0	3289.8	3344.2	3425.8	3446.1	3507.3	3514.1	3561.7	3534.5
7.5°	2399.4	2392.6	2358.6	2406.2	2555.7	2671.3	2725.6	2759.6	2766.4	2766.4	2732.4
10°	2032.3	1971.2	1910.0	1876.0	1889.6	2012.0	2052.7	2073.1	2059.5	2079.9	2052.7
12.5°	1740.1	1685.7	1597.3	1536.2	1495.4	1529.4	1570.1	1590.5	1604.1	1638.1	1665.3
15°	1413.8	1359.4	1305.0	1271.1	1237.1	1209.9	1243.9	1264.3	1298.3	1325.4	1339.0
17.5°	1073.9	1046.8	1019.6	1040.0	1040.0	1026.4	1040.0	1046.8	1060.4	1080.7	1073.9
20°	870.0	863.2	856.4	890.4	917.6	917.6	931.2	910.8	904.0	883.6	876.8
22.5°	774.9	774.9	781.7	808.9	836.0	849.6	849.6	815.7	781.7	768.1	774.9
25°	720.5	720.5	740.9	747.7	761.3	761.3	768.1	734.1	713.7	693.3	700.1
27.5°	679.7	679.7	686.5	686.5	693.3	693.3	700.1	686.5	659.3	652.5	652.5
30°	652.5	652.5	645.7	645.7	645.7	645.7	652.5	632.1	618.5	611.7	611.7
32.5°	625.3	618.5	611.7	611.7	604.9	604.9	611.7	591.4	584.6	584.6	584.6
35°	543.8	537.0	543.8	557.4	557.4	564.2	564.2	557.4	543.8	530.2	523.4
37.5°	509.8	503.0	503.0	503.0	516.6	523.4	530.2	516.6	496.2	475.8	475.8
40°	482.6	482.6	475.8	475.8	475.8	489.4	503.0	482.6	455.4	448.6	448.6
42.5°	462.2	455.4	448.6	441.8	435.0	455.4	469.0	441.8	428.2	428.2	428.2
45°	441.8	435.0	428.2	421.4	414.6	421.4	435.0	407.8	401.0	401.0	401.0
47.5°	421.4	414.6	401.0	394.2	387.4	387.4	401.0	380.6	373.8	380.6	380.6
50°	407.8	394.2	380.6	373.8	367.0	367.0	367.0	360.2	360.2	360.2	367.0
52.5°	394.2	380.6	360.2	353.5	346.7	346.7	346.7	346.7	339.9	346.7	353.5
55°	373.8	360.2	346.7	339.9	333.1	326.3	333.1	326.3	326.3	333.1	333.1
57.5°	346.7	333.1	319.5	319.5	312.7	312.7	319.5	312.7	312.7	319.5	319.5
60°	326.3	312.7	299.1	299.1	292.3	299.1	305.9	299.1	299.1	299.1	305.9
62.5°	299.1	292.3	278.7	278.7	278.7	278.7	285.5	278.7	285.5	285.5	285.5
65°	278.7	265.1	258.3	258.3	258.3	258.3	271.9	258.3	265.1	265.1	265.1
67.5°	258.3	244.7	237.9	237.9	237.9	237.9	251.5	237.9	244.7	251.5	244.7
70°	237.9	224.3	217.5	217.5	217.5	217.5	224.3	217.5	217.5	224.3	224.3
72.5°	210.7	203.9	197.1	197.1	190.3	197.1	203.9	197.1	197.1	197.1	197.1
75°	190.3	183.5	183.5	176.7	176.7	176.7	183.5	169.9	169.9	169.9	169.9
77.5°	176.7	163.1	163.1	163.1	156.3	163.1	156.3	142.7	142.7	142.7	142.7
80°	149.5	135.9	142.7	142.7	135.9	135.9	129.1	115.6	115.6	115.6	115.6
82.5°	122.3	108.8	115.6	115.6	115.6	115.6	102.0	95.2	88.4	81.6	81.6
85°	108.8	88.4	102.0	102.0	95.2	95.2	68.0	68.0	54.4	54.4	47.6
87.5°	20.4	13.6	27.2	34.0	34.0	40.8	27.2	34.0	20.4	13.6	13.6
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°	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2
2.5°	4309.4	4384.1	4486.1	4560.9	4676.4	4764.8	4900.7	5016.3	5125.0	5172.6	5220.2
5°	3616.1	3663.7	3820.0	3942.3	4125.9	4323.0	4567.7	4832.8	5104.6	5227.0	5369.7
7.5°	2705.3	2793.6	2882.0	3058.7	3283.0	3602.5	3915.1	4309.4	4690.0	4873.5	5118.2
10°	2100.3	2168.3	2270.2	2453.8	2664.5	2929.6	3303.4	3772.4	4227.8	4465.7	4717.2
12.5°	1685.7	1780.8	1916.8	2107.1	2351.8	2623.7	2895.6	3330.6	3860.8	4132.7	4418.1
15°	1366.2	1441.0	1590.5	1828.4	2113.9	2392.6	2678.1	3038.3	3616.1	3928.7	4268.6
17.5°	1087.5	1141.9	1277.9	1515.8	1801.2	2113.9	2440.2	2895.6	3534.5	3915.1	4316.2
20°	883.6	924.4	1012.8	1189.5	1461.4	1801.2	2209.1	2759.6	3582.1	4071.5	4560.9
22.5°	774.9	788.5	829.3	924.4	1148.7	1509.0	1998.4	2644.1	3670.5	4302.6	4961.9
25°	700.1	713.7	727.3	788.5	917.6	1257.5	1814.8	2576.1	3860.8	4642.4	5424.1
27.5°	652.5	666.1	672.9	700.1	788.5	1073.9	1658.5	2535.3	4119.1	5138.6	5995.1
30°	611.7	611.7	632.1	672.9	734.1	944.8	1522.6	2440.2	4390.9	5553.3	6443.7
32.5°	577.8	584.6	611.7	632.1	672.9	836.0	1386.6	2317.8	4635.6	5893.1	6885.5
35°	516.6	516.6	523.4	557.4	611.7	747.7	1264.3	2195.5	4771.6	6226.2	7279.7
37.5°	475.8	482.6	496.2	523.4	571.0	686.5	1162.3	2059.5	4914.3	6538.8	7741.9
40°	448.6	455.4	469.0	496.2	543.8	632.1	1073.9	1950.8	5063.9	6878.7	8238.1
42.5°	428.2	435.0	448.6	475.8	516.6	618.5	978.8	1862.4	5152.2	7191.4	8707.1
45°	407.8	414.6	435.0	462.2	496.2	604.9	924.4	1801.2	5186.2	7402.1	9081.0
47.5°	387.4	394.2	414.6	455.4	496.2	584.6	904.0	1767.3	5213.4	7640.0	9380.0
50°	367.0	380.6	407.8	448.6	503.0	557.4	890.4	1760.5	5369.7	7945.8	9665.5
52.5°	353.5	373.8	401.0	448.6	496.2	516.6	883.6	1780.8	5682.4	8401.3	10073.3
55°	339.9	360.2	387.4	448.6	475.8	482.6	849.6	1814.8	6158.2	9033.4	10651.1
57.5°	326.3	339.9	373.8	435.0	448.6	455.4	781.7	1862.4	6634.0	9651.9	11242.5
60°	305.9	319.5	353.5	435.0	407.8	428.2	693.3	1876.0	6973.9	9849.0	11296.8
62.5°	285.5	299.1	333.1	448.6	373.8	401.0	618.5	1828.4	7041.8	9563.6	10991.0
65°	265.1	278.7	305.9	373.8	346.7	373.8	571.0	1699.3	6817.5	8911.0	10433.6
67.5°	244.7	258.3	278.7	305.9	312.7	339.9	550.6	1495.4	6253.4	8102.2	9672.3
70°	217.5	231.1	251.5	271.9	278.7	319.5	516.6	1298.3	5342.5	7021.4	8741.1
72.5°	197.1	203.9	224.3	237.9	251.5	292.3	496.2	1135.1	4085.1	5682.4	7130.2
75°	169.9	169.9	190.3	203.9	217.5	258.3	455.4	944.8	2882.0	4336.6	5240.6
77.5°	142.7	142.7	156.3	169.9	183.5	224.3	387.4	768.1	1998.4	3439.3	3799.6
80°	108.8	108.8	122.3	135.9	149.5	190.3	312.7	564.2	1237.1	2514.9	2766.4
82.5°	74.8	74.8	95.2	102.0	108.8	149.5	237.9	387.4	727.3	1814.8	1978.0
85°	40.8	40.8	54.4	61.2	74.8	108.8	176.7	271.9	435.0	1311.8	1318.6
87.5°	6.8	6.8	20.4	20.4	34.0	54.4	102.0	149.5	244.7	727.3	462.2
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: P598632  
 CATALOG NUMBER: IFLD-M-SA4B-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2	4853.2
2.5°	5308.6	5383.3	5390.1	5390.1	5356.1	5362.9	5267.8	5165.8	5131.8	5125.0
5°	5587.2	5784.4	5838.7	5865.9	5777.6	5641.6	5396.9	5131.8	4995.9	4975.5
7.5°	5532.9	5927.1	6137.8	6165.0	5988.3	5668.8	5240.6	4832.8	4676.4	4635.6
10°	5213.4	5743.6	6124.2	6219.4	6029.1	5621.2	5063.9	4588.1	4397.7	4363.8
12.5°	4989.1	5498.9	5872.7	6001.9	5913.5	5560.1	4975.5	4431.7	4241.4	4193.8
15°	4866.7	5335.7	5580.4	5621.2	5614.4	5464.9	4975.5	4465.7	4255.0	4200.6
17.5°	4968.7	5288.2	5322.2	5227.0	5281.4	5356.1	5084.3	4649.2	4445.3	4397.7
20°	5172.6	5267.8	5104.6	4961.9	4989.1	5227.0	5254.2	4995.9	4832.8	4751.2
22.5°	5600.8	5342.5	4968.7	4771.6	4792.0	5125.0	5478.5	5464.9	5322.2	5281.4
25°	6035.9	5553.3	4927.9	4696.8	4724.0	5104.6	5743.6	5988.3	5913.5	5893.1
27.5°	6518.4	5906.7	4955.1	4662.8	4696.8	5131.8	5927.1	6430.1	6443.7	6423.3
30°	6844.7	6076.6	5036.7	4703.6	4751.2	5199.8	5967.9	6695.2	6817.5	6824.3
32.5°	7116.6	6246.6	5206.6	4771.6	4853.2	5322.2	6076.6	6946.7	7218.6	7225.4
35°	7334.1	6436.9	5417.3	4893.9	5016.3	5526.1	6219.4	7184.6	7592.4	7640.0
37.5°	7612.8	6647.6	5662.0	5159.0	5295.0	5818.3	6470.9	7463.3	8034.2	8163.4
40°	7911.9	6858.3	6015.5	5587.2	5784.4	6253.4	6756.3	7775.9	8408.1	8584.8
42.5°	8244.9	7082.6	6416.5	6165.0	6464.1	6803.9	7082.6	8061.4	8693.5	8897.4
45°	8571.2	7354.5	7001.0	6953.5	7286.5	7456.5	7402.1	8265.3	8965.4	9169.3
47.5°	8802.3	7748.7	7707.9	7993.4	8306.1	8217.7	7775.9	8414.8	9189.7	9414.0
50°	9013.0	8238.1	8598.4	9155.7	9346.1	9047.0	8176.9	8618.8	9427.6	9679.1
52.5°	9325.7	8761.5	9516.0	10209.3	10392.8	9917.0	8612.0	8951.8	9794.7	10019.0
55°	9964.6	9352.9	10474.4	11269.6	11303.6	10712.3	9196.5	9516.0	10311.2	10569.5
57.5°	10678.3	10080.1	11235.7	12146.5	12132.9	11507.5	9855.8	10277.3	11011.4	11188.1
60°	11324.0	10814.2	12064.9	12771.8	12737.8	12085.3	10623.9	11140.5	11813.4	11949.4
62.5°	11704.7	11480.4	12432.0	12968.9	12839.8	12275.6	11276.4	11908.6	12384.4	12432.0
65°	11643.5	11861.0	12003.7	12336.8	12153.3	11745.4	11595.9	12398.0	12445.5	12398.0
67.5°	11181.3	11643.5	10827.8	10861.8	10766.7	10420.0	11099.7	12268.8	11942.6	11827.0
70°	10481.2	10515.2	9053.8	8625.6	8775.1	8299.3	9522.8	11262.8	10759.9	10617.1
72.5°	9318.9	8897.4	6844.7	6409.7	6634.0	6294.1	7640.0	9815.1	9325.7	8863.5
75°	7816.7	7048.6	5213.4	4594.9	4710.4	4696.8	5920.3	8109.0	7225.4	6763.1
77.5°	6056.2	5492.1	3847.2	3609.3	3486.9	3514.1	4132.7	6029.1	5240.6	4662.8
80°	4424.9	3840.4	2977.1	3113.1	3045.1	2882.0	2895.6	4037.5	3643.3	3296.6
82.5°	3058.7	2732.4	2413.0	2725.6	2562.5	2311.0	2256.6	2909.2	2732.4	2521.7
85°	2052.7	2249.9	1916.8	2086.7	1808.0	1665.3	2120.7	2433.4	1964.4	1753.7
87.5°	1339.0	2059.5	1379.8	1046.8	598.1	802.1	1298.3	1597.3	917.6	496.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)