

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: P598969

Luminaire Tested: **IFLD-S-SA3A-740-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598969  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3A-740-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (48) 4000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

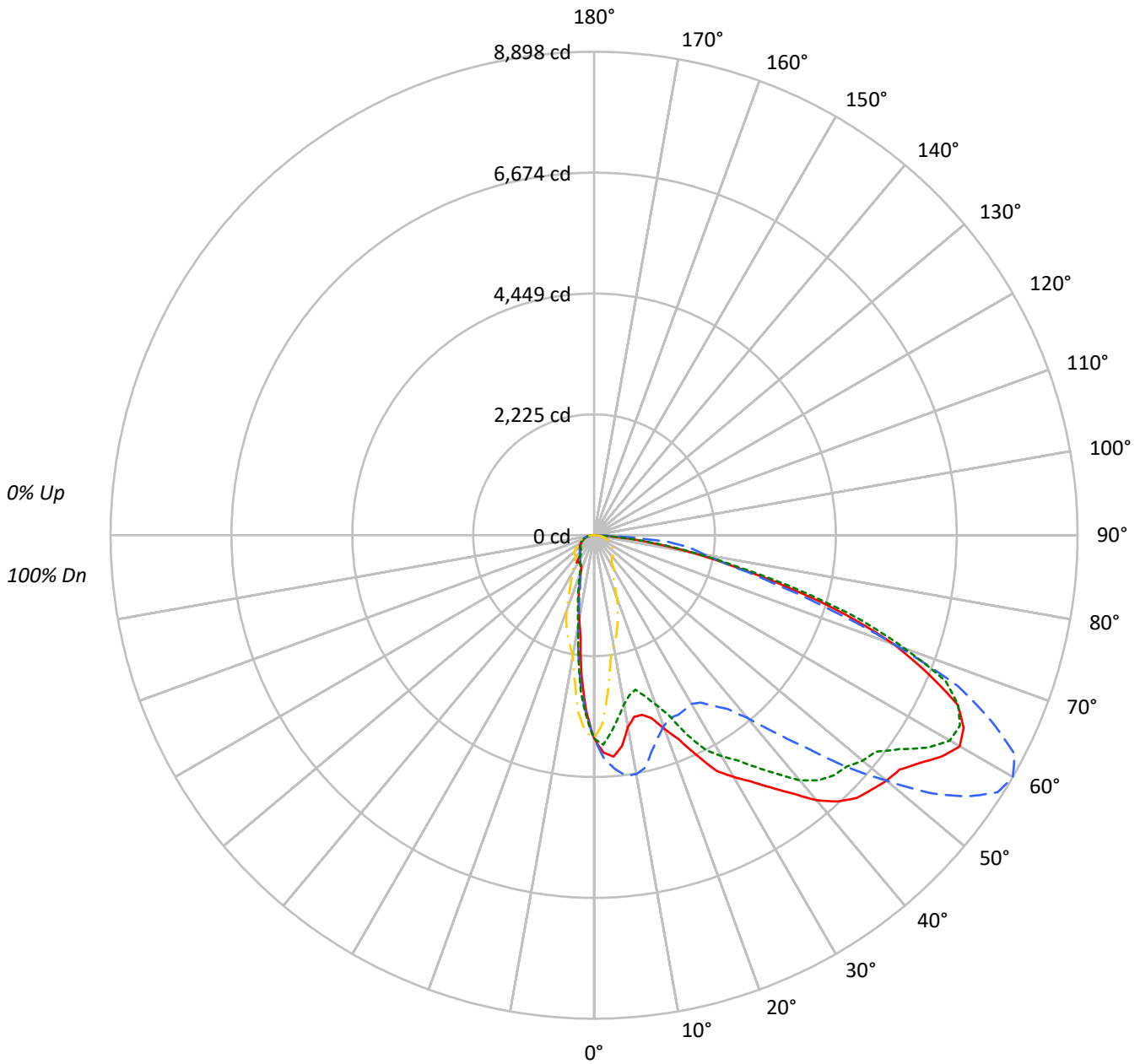
Lumens per Lamp: N/A  
 Luminaire Lumens: 11703.0 lumens  
 Efficiency: N/A  
 Efficacy: 123.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 94.8  
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15

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

	0°	90°	180°	270°
0°	53646	53646	53646	53646
5°	58936	52355	37545	40986
10°	52203	46075	22772	24438
15°	50833	43736	16121	16739
20°	57961	50587	10546	11656
25°	70619	64124	9207	9536
30°	85088	77775	9551	8861
35°	99234	91322	7914	7458
40°	119245	110297	7393	7003
45°	138772	126761	7481	6954
50°	156831	144080	7649	7187
55°	182899	171729	7924	7534
60°	223077	216966	7899	7899
65°	250699	251052	8110	8463
70°	246385	255100	8497	8716
75°	203241	216771	8922	9499
80°	146744	154042	9868	10298
85°	81215	87192	11115	13684

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	290.4	2.5
10°-20°	613.1	5.2
20°-30°	897.0	7.7
30°-40°	1263.9	10.8
40°-50°	1736.9	14.8
50°-60°	2367.2	20.2
60°-70°	2590.8	22.1
70°-80°	1495.8	12.8
80°-90°	447.9	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°	1800.5	15.4
0°-40°	3064.4	26.2
0°-60°	7168.5	61.3
0°-90°	11703.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11703.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3738	3738	3738	3738	3738	
5°	4091	3634	2606	2845	4091	371
15°	3421	2944	1085	1127	3421	1000
25°	4460	4049	581	602	4460	2088
35°	5664	5212	452	426	5664	3591
45°	6837	6245	369	343	6837	5255
55°	7310	6863	317	301	7310	6595
65°	7382	7393	239	249	7382	7066
75°	3665	3909	161	171	3665	3937
85°	493	530	68	83	493	684
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°	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9
2.5°	4002.7	3987.1	4002.7	4059.8	4075.3	4101.3	4101.3	4065.0	3997.5	3966.3	3914.4
5°	4090.9	4065.0	4194.7	4314.1	4407.6	4397.2	4309.0	4236.3	4101.3	3898.8	3706.7
7.5°	3914.4	3940.4	4033.8	4345.3	4563.3	4604.9	4464.7	4319.3	4028.6	3748.3	3488.7
10°	3582.1	3618.5	3821.0	4142.8	4485.5	4553.0	4464.7	4288.2	3940.4	3592.5	3291.4
12.5°	3421.2	3504.3	3623.7	4013.0	4257.0	4418.0	4376.4	4262.2	3872.9	3462.7	3172.0
15°	3421.2	3442.0	3618.5	3945.5	4085.7	4090.9	4106.5	4127.3	3893.6	3519.8	3130.5
17.5°	3530.2	3587.3	3737.9	3940.4	3966.3	3904.0	3904.0	3992.3	3935.2	3680.8	3281.0
20°	3795.0	3774.2	3971.5	4054.6	3914.4	3758.7	3743.1	3893.6	3981.9	3852.1	3556.2
22.5°	4059.8	4153.2	4314.1	4127.3	3867.7	3660.0	3639.3	3826.1	4122.1	4148.0	3872.9
25°	4459.5	4553.0	4636.0	4407.6	3862.5	3634.1	3649.6	3795.0	4293.4	4568.5	4402.4
27.5°	4890.4	4947.5	5066.9	4713.9	3987.1	3602.9	3618.5	3836.5	4454.3	4843.7	4817.7
30°	5134.4	5196.7	5170.7	4771.0	4070.1	3623.7	3582.1	3893.6	4366.1	4843.7	5087.7
32.5°	5373.2	5336.9	5321.3	4864.4	4174.0	3753.5	3649.6	4013.0	4418.0	4921.6	5435.5
35°	5663.9	5612.0	5570.5	5046.2	4345.3	3878.1	3831.3	4168.8	4532.2	5082.5	5715.9
37.5°	5985.8	5985.8	5783.3	5181.1	4547.8	4080.5	4028.6	4392.0	4713.9	5181.1	6100.0
40°	6364.8	6380.4	6022.2	5362.8	4776.2	4402.4	4386.8	4682.7	4890.4	5326.5	6468.6
42.5°	6645.1	6655.5	6229.8	5430.3	5041.0	4848.9	4916.4	5150.0	5092.9	5456.3	6494.6
45°	6837.2	6785.3	6375.2	5622.4	5331.7	5518.6	5539.3	5606.8	5357.6	5534.2	6598.4
47.5°	6930.7	6920.3	6437.5	5845.6	5944.3	6198.7	6318.1	6224.6	5601.6	5451.1	6598.4
50°	7024.1	6935.9	6494.6	6151.9	6541.3	7055.3	7029.3	6858.0	5939.1	5554.9	6499.8
52.5°	7086.4	7008.5	6608.8	6427.1	7112.4	7693.8	7797.7	7481.0	6333.6	5747.0	6546.5
55°	7309.6	7247.4	6951.4	6800.9	7771.7	8368.7	8384.3	7943.0	6749.0	6063.7	6852.8
57.5°	7579.6	7615.9	7423.9	7330.4	8275.3	8861.9	8804.8	8285.7	7102.0	6447.9	7205.8
60°	7771.7	7828.8	7782.1	7792.5	8524.5	9028.0	8898.3	8498.5	7361.6	6738.6	7636.7
62.5°	7667.9	7782.1	7974.2	7932.6	8534.8	8908.6	8726.9	8218.2	7392.7	7117.6	7963.8
65°	7382.3	7392.7	7766.5	7994.9	8067.6	8290.8	8052.0	7631.5	7070.8	7351.2	7917.1
67.5°	6650.3	6733.4	7070.8	7517.3	7211.0	7262.9	7242.2	6634.8	6582.8	7190.2	7558.8
70°	5871.6	5928.7	6297.3	6821.6	6089.6	5845.6	5892.4	5440.7	5653.6	6691.9	6837.2
72.5°	4854.1	4890.4	5310.9	5773.0	4885.2	4449.1	4558.1	4189.6	4490.7	5856.0	5767.8
75°	3665.2	3732.7	4059.8	4604.9	3597.7	3317.4	3426.4	3275.8	3556.2	4822.9	4475.1
77.5°	2606.1	2554.2	2959.2	3602.9	2704.8	2538.6	2549.0	2575.0	2876.1	4065.0	3213.5
80°	1775.5	1791.1	2154.5	2642.5	2123.3	2097.4	2071.4	2279.1	2414.1	3218.7	2336.2
82.5°	1053.9	1053.9	1453.6	1879.3	1676.9	1889.7	1770.3	1957.2	1889.7	2367.3	1531.5
85°	493.2	493.2	747.6	1355.0	1297.9	1557.5	1323.8	1479.6	1396.5	1650.9	690.5
87.5°	83.1	72.7	150.6	664.5	534.7	607.4	238.8	789.1	877.4	1152.5	171.3
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°	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9
2.5°	3857.3	3821.0	3748.3	3654.8	3577.0	3478.3	3447.2	3379.7	3286.2	3275.8	3234.3
5°	3634.1	3509.5	3353.7	3161.6	3031.8	2896.9	2782.7	2715.2	2637.3	2626.9	2606.1
7.5°	3390.1	3234.3	2974.7	2746.3	2523.1	2310.2	2206.4	2076.6	1988.3	1920.9	1889.7
10°	3161.6	3016.3	2694.4	2382.9	2185.6	2045.5	1920.9	1785.9	1676.9	1593.8	1562.6
12.5°	3011.1	2839.8	2491.9	2196.0	2050.6	1889.7	1749.5	1604.2	1464.0	1355.0	1297.9
15°	2943.6	2782.7	2429.6	2102.6	1889.7	1666.5	1505.5	1360.2	1188.9	1111.0	1085.0
17.5°	3104.5	2865.7	2408.9	1993.5	1692.4	1438.0	1240.8	1085.0	960.4	882.6	851.4
20°	3312.2	3016.3	2445.2	1863.8	1505.5	1220.0	1002.0	835.8	752.8	695.7	690.5
22.5°	3577.0	3239.5	2502.3	1770.3	1297.9	981.2	783.9	685.3	628.2	623.0	612.6
25°	4049.4	3644.4	2595.8	1645.7	1131.7	809.9	669.7	612.6	586.6	571.1	581.4
27.5°	4454.3	3909.2	2663.2	1567.8	1064.3	763.2	648.9	586.6	560.7	555.5	560.7
30°	4693.1	4153.2	2642.5	1422.5	929.3	726.8	690.5	669.7	617.8	576.3	576.3
32.5°	4911.2	4309.0	2637.3	1292.7	794.3	607.4	576.3	560.7	591.8	612.6	597.0
35°	5212.3	4553.0	2621.7	1220.0	737.2	560.7	508.8	467.2	446.5	436.1	451.7
37.5°	5534.2	4719.1	2580.2	1209.6	706.0	534.7	493.2	451.7	430.9	420.5	415.3
40°	5887.2	4895.6	2533.5	1157.7	690.5	519.2	477.6	441.3	415.3	399.7	394.6
42.5°	6115.6	5035.8	2486.7	1131.7	659.3	508.8	462.0	430.9	404.9	384.2	384.2
45°	6245.4	5201.9	2440.0	1105.8	623.0	514.0	462.0	420.5	389.4	379.0	368.6
47.5°	6302.5	5326.5	2424.4	1064.3	591.8	493.2	451.7	410.1	379.0	358.2	353.0
50°	6453.0	5591.3	2481.5	1033.1	555.5	472.4	477.6	404.9	373.8	347.8	342.6
52.5°	6541.3	5804.1	2606.1	986.4	529.5	446.5	467.2	394.6	358.2	332.3	332.3
55°	6863.2	6157.1	2741.1	950.0	498.4	410.1	430.9	373.8	332.3	316.7	316.7
57.5°	7273.3	6530.9	2855.3	934.5	477.6	384.2	384.2	363.4	316.7	295.9	290.7
60°	7558.8	6837.2	2922.8	924.1	456.9	358.2	342.6	363.4	301.1	280.3	275.2
62.5°	7590.0	6660.7	2855.3	918.9	451.7	332.3	311.5	347.8	285.5	264.8	254.4
65°	7392.7	6302.5	2668.4	898.1	446.5	306.3	290.7	301.1	264.8	249.2	238.8
67.5°	6998.2	5721.0	2398.5	887.7	441.3	285.5	264.8	259.6	244.0	228.4	218.0
70°	6079.3	4963.1	2081.8	841.0	430.9	270.0	238.8	233.6	218.0	207.7	202.5
72.5°	5103.3	4059.8	1718.4	778.7	410.1	244.0	218.0	207.7	202.5	186.9	181.7
75°	3909.2	3125.3	1375.8	690.5	358.2	218.0	192.1	181.7	176.5	166.1	160.9
77.5°	2746.3	2325.8	1017.5	560.7	301.1	197.3	171.3	160.9	155.7	140.2	140.2
80°	1863.8	1630.1	690.5	389.4	233.6	160.9	150.6	140.2	129.8	119.4	119.4
82.5°	1157.7	1142.1	498.4	254.4	171.3	129.8	119.4	119.4	103.8	93.4	93.4
85°	529.5	700.9	347.8	176.5	129.8	98.6	98.6	93.4	83.1	67.5	67.5
87.5°	166.1	233.6	181.7	77.9	72.7	57.1	57.1	51.9	51.9	41.5	41.5
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°	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9
2.5°	3275.8	3270.7	3270.7	3249.9	3301.8	3301.8	3333.0	3307.0	3322.6	3327.8	3369.3
5°	2600.9	2642.5	2673.6	2735.9	2772.3	2787.8	2787.8	2829.4	2813.8	2844.9	2907.2
7.5°	1905.3	1957.2	2050.6	2128.5	2190.8	2211.6	2206.4	2216.8	2232.4	2196.0	2206.4
10°	1541.9	1505.5	1536.7	1609.4	1666.5	1734.0	1682.1	1676.9	1692.4	1676.9	1708.0
12.5°	1287.5	1246.0	1220.0	1220.0	1261.5	1292.7	1277.1	1303.1	1360.2	1375.8	1412.1
15°	1043.5	1007.2	986.4	960.4	1002.0	1012.3	1027.9	1064.3	1105.8	1126.6	1168.1
17.5°	835.8	835.8	835.8	815.1	830.6	846.2	851.4	898.1	903.3	924.1	939.7
20°	685.3	700.9	726.8	737.2	752.8	752.8	742.4	768.3	747.6	763.2	773.5
22.5°	617.8	638.6	648.9	654.1	674.9	680.1	654.1	659.3	664.5	648.9	654.1
25°	581.4	591.8	581.4	586.6	591.8	581.4	586.6	597.0	591.8	602.2	597.0
27.5°	565.9	555.5	550.3	545.1	545.1	534.7	539.9	539.9	550.3	555.5	555.5
30°	565.9	550.3	529.5	514.0	514.0	498.4	508.8	519.2	524.3	534.7	534.7
32.5°	581.4	550.3	514.0	498.4	482.8	472.4	482.8	498.4	519.2	524.3	529.5
35°	462.0	477.6	472.4	451.7	446.5	446.5	441.3	441.3	425.7	425.7	420.5
37.5°	415.3	410.1	420.5	425.7	430.9	415.3	415.3	394.6	389.4	394.6	394.6
40°	389.4	389.4	389.4	404.9	410.1	399.7	384.2	373.8	373.8	373.8	379.0
42.5°	379.0	368.6	363.4	373.8	389.4	379.0	363.4	358.2	358.2	363.4	363.4
45°	363.4	358.2	353.0	347.8	368.6	353.0	347.8	342.6	342.6	342.6	347.8
47.5°	347.8	342.6	332.3	332.3	337.4	332.3	327.1	327.1	327.1	337.4	337.4
50°	337.4	332.3	321.9	321.9	321.9	321.9	316.7	316.7	316.7	321.9	327.1
52.5°	321.9	316.7	311.5	306.3	306.3	306.3	306.3	306.3	306.3	311.5	316.7
55°	306.3	301.1	295.9	295.9	301.1	301.1	295.9	301.1	295.9	301.1	306.3
57.5°	290.7	285.5	280.3	285.5	290.7	285.5	285.5	285.5	285.5	285.5	290.7
60°	270.0	270.0	270.0	270.0	280.3	280.3	280.3	280.3	270.0	275.2	280.3
62.5°	259.6	254.4	254.4	259.6	264.8	264.8	270.0	264.8	259.6	264.8	264.8
65°	238.8	238.8	238.8	244.0	244.0	249.2	249.2	249.2	244.0	249.2	249.2
67.5°	223.2	223.2	223.2	223.2	233.6	233.6	233.6	233.6	228.4	228.4	233.6
70°	197.3	202.5	197.3	207.7	218.0	212.9	218.0	218.0	212.9	207.7	218.0
72.5°	181.7	181.7	181.7	181.7	197.3	197.3	197.3	202.5	197.3	192.1	197.3
75°	160.9	160.9	160.9	166.1	176.5	176.5	176.5	176.5	176.5	171.3	171.3
77.5°	140.2	145.4	140.2	145.4	155.7	150.6	155.7	160.9	155.7	150.6	150.6
80°	119.4	119.4	119.4	124.6	129.8	129.8	129.8	135.0	129.8	124.6	124.6
82.5°	93.4	93.4	98.6	98.6	103.8	103.8	103.8	109.0	103.8	98.6	98.6
85°	72.7	72.7	72.7	77.9	77.9	83.1	83.1	88.3	88.3	83.1	83.1
87.5°	46.7	41.5	46.7	46.7	51.9	51.9	46.7	41.5	46.7	41.5	36.3
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: P598969  
 CATALOG NUMBER: IFLD-S-SA3A-740-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9	3737.9
2.5°	3410.8	3504.3	3571.8	3618.5	3686.0	3815.8	3867.7	3961.1	3987.1	4002.7
5°	2933.2	3031.8	3177.2	3281.0	3400.4	3644.4	3831.3	3971.5	4033.8	4090.9
7.5°	2299.8	2429.6	2580.2	2715.2	2912.4	3213.5	3457.5	3748.3	3857.3	3914.4
10°	1796.3	1915.7	2081.8	2247.9	2523.1	2777.5	3125.3	3390.1	3540.6	3582.1
12.5°	1515.9	1656.1	1853.4	2055.8	2227.2	2517.9	2870.9	3255.1	3395.2	3421.2
15°	1287.5	1479.6	1682.1	1889.7	2087.0	2341.4	2720.4	3187.6	3395.2	3421.2
17.5°	1064.3	1235.6	1474.4	1697.6	1926.1	2273.9	2746.3	3244.7	3452.4	3530.2
20°	846.2	1012.3	1199.2	1479.6	1791.1	2159.7	2803.4	3436.8	3711.9	3795.0
22.5°	700.9	773.5	955.2	1225.2	1593.8	2081.8	2860.5	3737.9	4028.6	4059.8
25°	612.6	664.5	778.7	1033.1	1438.0	2029.9	2995.5	4085.7	4459.5	4459.5
27.5°	571.1	591.8	669.7	898.1	1329.0	1983.2	3130.5	4469.9	4817.7	4890.4
30°	560.7	612.6	654.1	799.5	1209.6	1853.4	3255.1	4771.0	5129.2	5134.4
32.5°	550.3	539.9	571.1	695.7	1064.3	1718.4	3358.9	5077.3	5357.6	5373.2
35°	430.9	451.7	503.6	612.6	955.2	1619.8	3410.8	5243.4	5648.4	5663.9
37.5°	404.9	430.9	472.4	565.9	882.6	1536.7	3426.4	5565.3	5954.7	5985.8
40°	394.6	415.3	446.5	524.3	825.5	1432.9	3457.5	5897.6	6406.3	6364.8
42.5°	373.8	399.7	430.9	503.6	778.7	1355.0	3462.7	6079.3	6645.1	6645.1
45°	368.6	384.2	420.5	503.6	726.8	1287.5	3379.7	6261.0	6920.3	6837.2
47.5°	347.8	379.0	410.1	488.0	664.5	1220.0	3281.0	6354.4	6956.6	6930.7
50°	342.6	373.8	425.7	462.0	628.2	1188.9	3260.3	6588.0	7029.3	7024.1
52.5°	332.3	363.4	441.3	441.3	581.4	1147.3	3358.9	6691.9	7044.9	7086.4
55°	316.7	363.4	410.1	404.9	539.9	1095.4	3467.9	6961.8	7320.0	7309.6
57.5°	306.3	353.0	389.4	368.6	493.2	1059.1	3628.9	7221.4	7652.3	7579.6
60°	290.7	353.0	347.8	342.6	456.9	1027.9	3763.8	7273.3	7725.0	7771.7
62.5°	280.3	368.6	306.3	316.7	425.7	1012.3	3706.7	6883.9	7626.3	7667.9
65°	270.0	316.7	280.3	290.7	415.3	981.2	3483.5	6416.7	7200.6	7382.3
67.5°	249.2	259.6	259.6	270.0	404.9	908.5	3026.7	5575.7	6551.7	6650.3
70°	228.4	233.6	233.6	249.2	394.6	825.5	2497.1	4822.9	5684.7	5871.6
72.5°	207.7	207.7	207.7	228.4	363.4	758.0	2055.8	3706.7	4724.3	4854.1
75°	181.7	181.7	181.7	202.5	327.1	690.5	1619.8	2756.7	3478.3	3665.2
77.5°	160.9	160.9	155.7	181.7	285.5	560.7	1168.1	1946.8	2450.4	2606.1
80°	135.0	129.8	129.8	145.4	223.2	404.9	752.8	1375.8	1708.0	1775.5
82.5°	109.0	103.8	98.6	109.0	160.9	254.4	467.2	960.4	1095.4	1053.9
85°	103.8	109.0	88.3	83.1	114.2	166.1	295.9	591.8	493.2	493.2
87.5°	41.5	36.3	36.3	31.1	57.1	62.3	129.8	109.0	83.1	83.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)