

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: P599033

Luminaire Tested: **IFLD-S-SA6B-760-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599033  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6B-760-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (96) 5700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

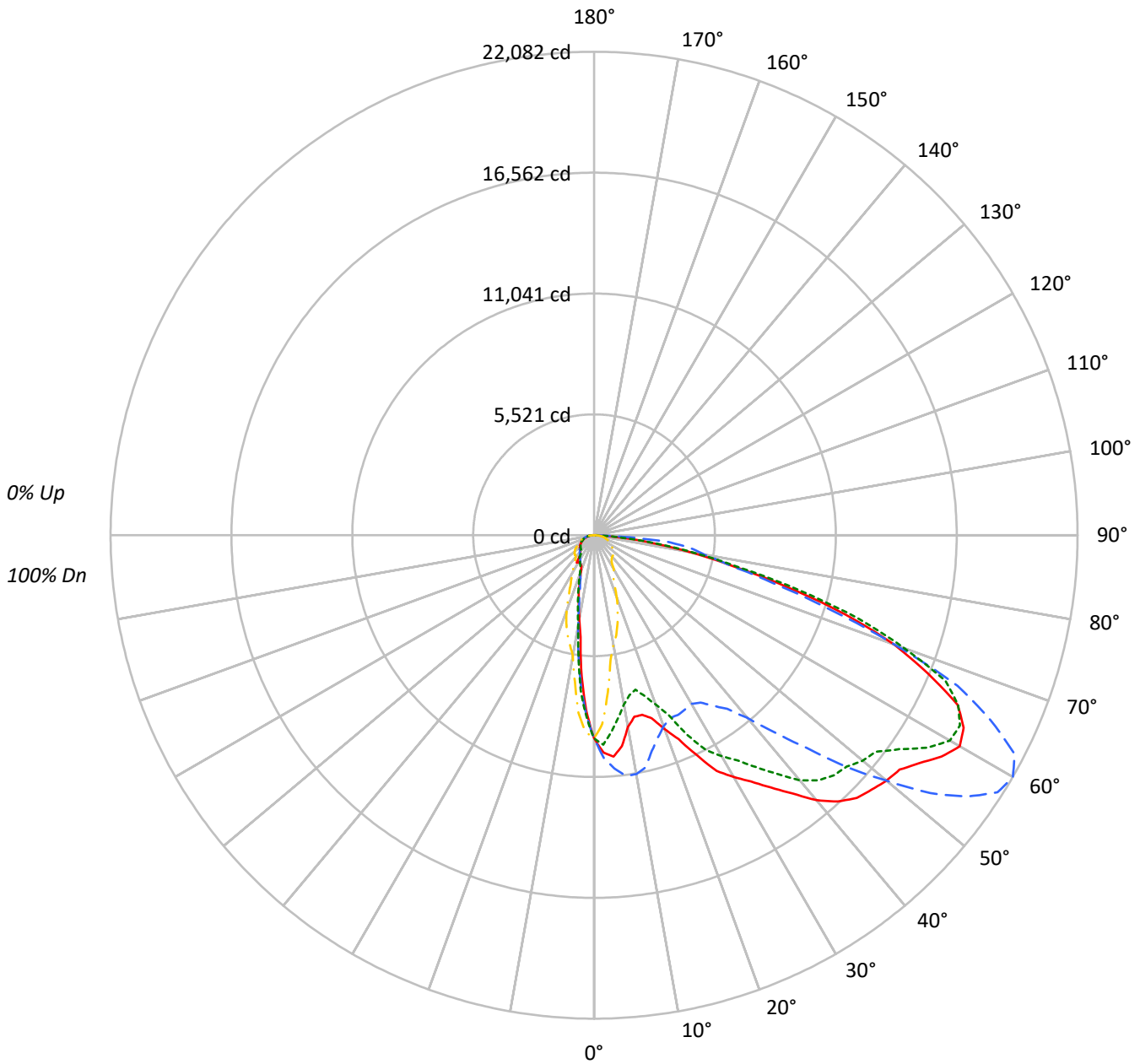
Lumens per Lamp: N/A  
 Luminaire Lumens: 29043.1 lumens  
 Efficiency: N/A  
 Efficacy: 118.6 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 244.9  
 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				
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°	66565	66565	66565	66565
5°	73131	64963	46588	50857
10°	64776	57172	28258	30323
15°	63075	54269	20004	20769
20°	71920	62770	13085	14463
25°	87626	79567	11425	11833
30°	105580	96506	11850	10996
35°	123134	113314	9819	9255
40°	147963	136860	9173	8689
45°	172194	157289	9283	8629
50°	194602	178780	9493	8918
55°	226949	213086	9832	9348
60°	276802	269220	9799	9799
65°	311077	311513	10062	10500
70°	305723	316535	10543	10812
75°	252188	268978	11074	11789
80°	182085	191135	12244	12778
85°	100769	108196	13791	16969

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	720.6	2.5
10°-20°	1521.5	5.2
20°-30°	2226.1	7.7
30°-40°	3136.5	10.8
40°-50°	4310.5	14.8
50°-60°	5874.7	20.2
60°-70°	6429.6	22.1
70°-80°	3712.0	12.8
80°-90°	1111.6	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°	4468.3	15.4
0°-40°	7604.8	26.2
0°-60°	17789.9	61.3
0°-90°	29043.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29043.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	9276	9276	9276	9276	9276	
5°	10152	9018	6468	7060	10152	922
15°	8490	7305	2693	2796	8490	2481
25°	11067	10049	1443	1494	11067	5182
35°	14056	12935	1121	1056	14056	8913
45°	16968	15499	915	850	16968	13041
55°	18140	17032	786	747	18140	16368
65°	18320	18346	593	618	18320	17535
75°	9096	9701	399	425	9096	9771
85°	1224	1314	168	206	1224	1698
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°	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2
2.5°	9933.3	9894.6	9933.3	10075.0	10113.6	10178.0	10178.0	10087.9	9920.4	9843.1	9714.2
5°	10152.3	10087.9	10410.0	10706.3	10938.2	10912.4	10693.4	10513.0	10178.0	9675.6	9198.9
7.5°	9714.2	9778.7	10010.6	10783.6	11324.7	11427.8	11079.9	10719.2	9997.7	9302.0	8657.8
10°	8889.7	8979.9	9482.3	10281.1	11131.4	11298.9	11079.9	10641.9	9778.7	8915.5	8168.2
12.5°	8490.3	8696.4	8992.8	9959.0	10564.6	10963.9	10860.9	10577.4	9611.2	8593.4	7871.9
15°	8490.3	8541.8	8979.9	9791.5	10139.4	10152.3	10190.9	10242.5	9662.7	8735.1	7768.8
17.5°	8760.8	8902.6	9276.2	9778.7	9843.1	9688.5	9688.5	9907.5	9765.8	9134.5	8142.4
20°	9417.9	9366.4	9856.0	10062.1	9714.2	9327.7	9289.1	9662.7	9881.7	9559.6	8825.3
22.5°	10075.0	10306.9	10706.3	10242.5	9598.3	9082.9	9031.4	9495.2	10229.6	10294.0	9611.2
25°	11067.0	11298.9	11505.1	10938.2	9585.4	9018.5	9057.2	9417.9	10654.7	11337.6	10925.3
27.5°	12136.4	12278.1	12574.4	11698.3	9894.6	8941.2	8979.9	9521.0	11054.1	12020.4	11956.0
30°	12741.9	12896.5	12832.1	11840.0	10100.7	8992.8	8889.7	9662.7	10835.1	12020.4	12625.9
32.5°	13334.5	13244.3	13205.7	12071.9	10358.4	9314.8	9057.2	9959.0	10963.9	12213.7	13489.1
35°	14056.0	13927.2	13824.1	12522.9	10783.6	9624.1	9508.1	10345.5	11247.4	12613.0	14184.8
37.5°	14854.8	14854.8	14352.3	12857.8	11286.0	10126.5	9997.7	10899.5	11698.3	12857.8	15138.2
40°	15795.3	15833.9	14945.0	13308.8	11852.9	10925.3	10886.6	11621.0	12136.4	13218.6	16053.0
42.5°	16491.0	16516.8	15460.3	13476.2	12510.0	12033.3	12200.8	12780.5	12638.8	13540.7	16117.4
45°	16967.7	16838.9	15821.1	13952.9	13231.5	13695.3	13746.8	13914.3	13295.9	13733.9	16375.1
47.5°	17199.6	17173.8	15975.7	14506.9	14751.7	15383.0	15679.3	15447.4	13901.4	13527.8	16375.1
50°	17431.5	17212.5	16117.4	15267.1	16233.3	17508.8	17444.4	17019.2	14738.8	13785.5	16130.3
52.5°	17586.1	17392.9	16400.8	15949.9	17650.5	19093.5	19351.2	18565.3	15718.0	14262.1	16246.2
55°	18140.1	17985.5	17251.1	16877.5	19286.8	20768.4	20807.0	19711.9	16748.7	15048.0	17006.4
57.5°	18810.1	18900.2	18423.6	18191.6	20536.5	21992.3	21850.6	20562.2	17624.8	16001.4	17882.4
60°	19286.8	19428.5	19312.5	19338.3	21154.9	22404.6	22082.5	21090.5	18268.9	16722.9	18951.8
62.5°	19029.1	19312.5	19789.2	19686.1	21180.6	22108.3	21657.3	20394.7	18346.2	17663.4	19763.4
65°	18320.5	18346.2	19273.9	19840.7	20021.1	20575.1	19982.5	18938.9	17547.5	18243.2	19647.5
67.5°	16503.9	16710.0	17547.5	18655.5	17895.3	18024.2	17972.6	16465.2	16336.4	17843.8	18758.5
70°	14571.4	14713.1	15627.8	16929.1	15112.5	14506.9	14622.9	13502.0	14030.2	16607.0	16967.7
72.5°	12046.2	12136.4	13179.9	14326.6	12123.5	11041.2	11311.8	10397.1	11144.3	14532.7	14313.7
75°	9095.8	9263.3	10075.0	11427.8	8928.3	8232.6	8503.2	8129.6	8825.3	11968.9	11105.7
77.5°	6467.6	6338.7	7343.7	8941.2	6712.4	6300.1	6325.8	6390.3	7137.5	10087.9	7974.9
80°	4406.2	4444.8	5346.7	6557.8	5269.4	5205.0	5140.6	5655.9	5990.9	7987.8	5797.6
82.5°	2615.4	2615.4	3607.4	4663.9	4161.4	4689.6	4393.3	4857.1	4689.6	5874.9	3800.7
85°	1223.9	1223.9	1855.2	3362.6	3220.9	3865.1	3285.3	3671.8	3465.7	4097.0	1713.5
87.5°	206.1	180.4	373.6	1649.1	1327.0	1507.4	592.6	1958.3	2177.3	2860.2	425.2
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°	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2
2.5°	9572.5	9482.3	9302.0	9070.1	8876.8	8632.0	8554.7	8387.2	8155.3	8129.6	8026.5
5°	9018.5	8709.3	8322.8	7846.1	7524.0	7189.0	6905.6	6738.1	6544.9	6519.1	6467.6
7.5°	8413.0	8026.5	7382.3	6815.4	6261.4	5733.2	5475.5	5153.4	4934.4	4766.9	4689.6
10°	7846.1	7485.4	6686.6	5913.6	5424.0	5076.1	4766.9	4432.0	4161.4	3955.3	3878.0
12.5°	7472.5	7047.3	6184.1	5449.8	5089.0	4689.6	4341.8	3981.0	3633.2	3362.6	3220.9
15°	7305.0	6905.6	6029.5	5217.9	4689.6	4135.6	3736.2	3375.5	2950.3	2757.1	2692.7
17.5°	7704.4	7111.7	5978.0	4947.3	4200.1	3568.8	3079.2	2692.7	2383.5	2190.2	2112.9
20°	8219.7	7485.4	6068.2	4625.2	3736.2	3027.6	2486.5	2074.3	1868.1	1726.4	1713.5
22.5°	8876.8	8039.4	6209.9	4393.3	3220.9	2435.0	1945.4	1700.6	1558.9	1546.0	1520.3
25°	10049.2	9044.3	6441.8	4084.1	2808.6	2009.8	1662.0	1520.3	1455.8	1417.2	1443.0
27.5°	11054.1	9701.4	6609.3	3890.8	2641.1	1893.9	1610.5	1455.8	1391.4	1378.5	1391.4
30°	11646.8	10306.9	6557.8	3530.1	2306.2	1803.7	1713.5	1662.0	1533.1	1430.1	1430.1
32.5°	12187.9	10693.4	6544.9	3208.0	1971.2	1507.4	1430.1	1391.4	1468.7	1520.3	1481.6
35°	12935.1	11298.9	6506.2	3027.6	1829.5	1391.4	1262.6	1159.5	1108.0	1082.2	1120.9
37.5°	13733.9	11711.2	6403.2	3001.9	1752.2	1327.0	1223.9	1120.9	1069.3	1043.6	1030.7
40°	14610.0	12149.2	6287.2	2873.0	1713.5	1288.4	1185.3	1095.1	1030.7	992.0	979.2
42.5°	15176.9	12497.1	6171.2	2808.6	1636.2	1262.6	1146.6	1069.3	1004.9	953.4	953.4
45°	15499.0	12909.4	6055.3	2744.2	1546.0	1275.5	1146.6	1043.6	966.3	940.5	914.7
47.5°	15640.7	13218.6	6016.6	2641.1	1468.7	1223.9	1120.9	1017.8	940.5	889.0	876.1
50°	16014.3	13875.6	6158.4	2563.8	1378.5	1172.4	1185.3	1004.9	927.6	863.2	850.3
52.5°	16233.3	14403.9	6467.6	2447.9	1314.1	1108.0	1159.5	979.2	889.0	824.6	824.6
55°	17032.1	15280.0	6802.5	2357.7	1236.8	1017.8	1069.3	927.6	824.6	785.9	785.9
57.5°	18049.9	16207.6	7086.0	2319.0	1185.3	953.4	953.4	901.9	785.9	734.4	721.5
60°	18758.5	16967.7	7253.5	2293.3	1133.8	889.0	850.3	901.9	747.2	695.7	682.8
62.5°	18835.8	16529.7	7086.0	2280.4	1120.9	824.6	773.0	863.2	708.6	657.1	631.3
65°	18346.2	15640.7	6622.2	2228.9	1108.0	760.1	721.5	747.2	657.1	618.4	592.6
67.5°	17367.1	14197.7	5952.2	2203.1	1095.1	708.6	657.1	644.2	605.5	566.9	541.1
70°	15086.7	12316.7	5166.3	2087.1	1069.3	669.9	592.6	579.8	541.1	515.3	502.5
72.5°	12664.6	10075.0	4264.5	1932.5	1017.8	605.5	541.1	515.3	502.5	463.8	450.9
75°	9701.4	7755.9	3414.2	1713.5	889.0	541.1	476.7	450.9	438.0	412.3	399.4
77.5°	6815.4	5771.9	2525.2	1391.4	747.2	489.6	425.2	399.4	386.5	347.9	347.9
80°	4625.2	4045.5	1713.5	966.3	579.8	399.4	373.6	347.9	322.1	296.3	296.3
82.5°	2873.0	2834.4	1236.8	631.3	425.2	322.1	296.3	296.3	257.7	231.9	231.9
85°	1314.1	1739.3	863.2	438.0	322.1	244.8	244.8	231.9	206.1	167.5	167.5
87.5°	412.3	579.8	450.9	193.3	180.4	141.7	141.7	128.8	128.8	103.1	103.1
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2
2.5°	8129.6	8116.7	8116.7	8065.1	8194.0	8194.0	8271.3	8206.9	8245.5	8258.4	8361.5
5°	6454.7	6557.8	6635.1	6789.7	6879.8	6918.5	6918.5	7021.6	6982.9	7060.2	7214.8
7.5°	4728.3	4857.1	5089.0	5282.3	5436.9	5488.4	5475.5	5501.3	5539.9	5449.8	5475.5
10°	3826.4	3736.2	3813.5	3993.9	4135.6	4303.1	4174.3	4161.4	4200.1	4161.4	4238.7
12.5°	3195.1	3092.1	3027.6	3027.6	3130.7	3208.0	3169.4	3233.8	3375.5	3414.2	3504.3
15°	2589.6	2499.4	2447.9	2383.5	2486.5	2512.3	2551.0	2641.1	2744.2	2795.7	2898.8
17.5°	2074.3	2074.3	2074.3	2022.7	2061.4	2100.0	2112.9	2228.9	2241.7	2293.3	2331.9
20°	1700.6	1739.3	1803.7	1829.5	1868.1	1868.1	1842.4	1906.8	1855.2	1893.9	1919.7
22.5°	1533.1	1584.7	1610.5	1623.3	1674.9	1687.8	1623.3	1636.2	1649.1	1610.5	1623.3
25°	1443.0	1468.7	1443.0	1455.8	1468.7	1443.0	1455.8	1481.6	1468.7	1494.5	1481.6
27.5°	1404.3	1378.5	1365.7	1352.8	1352.8	1327.0	1339.9	1339.9	1365.7	1378.5	1378.5
30°	1404.3	1365.7	1314.1	1275.5	1275.5	1236.8	1262.6	1288.4	1301.2	1327.0	1327.0
32.5°	1443.0	1365.7	1275.5	1236.8	1198.2	1172.4	1198.2	1236.8	1288.4	1301.2	1314.1
35°	1146.6	1185.3	1172.4	1120.9	1108.0	1108.0	1095.1	1095.1	1056.5	1056.5	1043.6
37.5°	1030.7	1017.8	1043.6	1056.5	1069.3	1030.7	1030.7	979.2	966.3	979.2	979.2
40°	966.3	966.3	966.3	1004.9	1017.8	992.0	953.4	927.6	927.6	927.6	940.5
42.5°	940.5	914.7	901.9	927.6	966.3	940.5	901.9	889.0	889.0	901.9	901.9
45°	901.9	889.0	876.1	863.2	914.7	876.1	863.2	850.3	850.3	850.3	863.2
47.5°	863.2	850.3	824.6	824.6	837.4	824.6	811.7	811.7	811.7	837.4	837.4
50°	837.4	824.6	798.8	798.8	798.8	798.8	785.9	785.9	785.9	798.8	811.7
52.5°	798.8	785.9	773.0	760.1	760.1	760.1	760.1	760.1	760.1	773.0	785.9
55°	760.1	747.2	734.4	734.4	747.2	747.2	734.4	747.2	734.4	747.2	760.1
57.5°	721.5	708.6	695.7	708.6	721.5	708.6	708.6	708.6	708.6	708.6	721.5
60°	669.9	669.9	669.9	669.9	695.7	695.7	695.7	695.7	669.9	682.8	695.7
62.5°	644.2	631.3	631.3	644.2	657.1	657.1	669.9	657.1	644.2	657.1	657.1
65°	592.6	592.6	592.6	605.5	605.5	618.4	618.4	618.4	605.5	618.4	618.4
67.5°	554.0	554.0	554.0	554.0	579.8	579.8	579.8	579.8	566.9	566.9	579.8
70°	489.6	502.5	489.6	515.3	541.1	528.2	541.1	541.1	528.2	515.3	541.1
72.5°	450.9	450.9	450.9	450.9	489.6	489.6	489.6	502.5	489.6	476.7	489.6
75°	399.4	399.4	399.4	412.3	438.0	438.0	438.0	438.0	438.0	425.2	425.2
77.5°	347.9	360.7	347.9	360.7	386.5	373.6	386.5	399.4	386.5	373.6	373.6
80°	296.3	296.3	296.3	309.2	322.1	322.1	322.1	335.0	322.1	309.2	309.2
82.5°	231.9	231.9	244.8	244.8	257.7	257.7	257.7	270.6	257.7	244.8	244.8
85°	180.4	180.4	180.4	193.3	193.3	206.1	206.1	219.0	219.0	206.1	206.1
87.5°	116.0	103.1	116.0	116.0	128.8	128.8	116.0	103.1	116.0	103.1	90.2
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: P599033  
 CATALOG NUMBER: IFLD-S-SA6B-760-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2	9276.2
2.5°	8464.5	8696.4	8863.9	8979.9	9147.4	9469.4	9598.3	9830.2	9894.6	9933.3
5°	7279.2	7524.0	7884.8	8142.4	8438.8	9044.3	9508.1	9856.0	10010.6	10152.3
7.5°	5707.4	6029.5	6403.2	6738.1	7227.7	7974.9	8580.5	9302.0	9572.5	9714.2
10°	4457.7	4754.0	5166.3	5578.6	6261.4	6892.7	7755.9	8413.0	8786.6	8889.7
12.5°	3762.0	4109.9	4599.4	5101.9	5527.1	6248.5	7124.6	8078.0	8425.9	8490.3
15°	3195.1	3671.8	4174.3	4689.6	5179.2	5810.5	6751.0	7910.5	8425.9	8490.3
17.5°	2641.1	3066.3	3658.9	4212.9	4779.8	5643.0	6815.4	8052.3	8567.6	8760.8
20°	2100.0	2512.3	2976.1	3671.8	4444.8	5359.6	6957.1	8528.9	9211.8	9417.9
22.5°	1739.3	1919.7	2370.6	3040.5	3955.3	5166.3	7098.9	9276.2	9997.7	10075.0
25°	1520.3	1649.1	1932.5	2563.8	3568.8	5037.5	7433.8	10139.4	11067.0	11067.0
27.5°	1417.2	1468.7	1662.0	2228.9	3298.2	4921.5	7768.8	11092.8	11956.0	12136.4
30°	1391.4	1520.3	1623.3	1984.1	3001.9	4599.4	8078.0	11840.0	12729.0	12741.9
32.5°	1365.7	1339.9	1417.2	1726.4	2641.1	4264.5	8335.7	12600.2	13295.9	13334.5
35°	1069.3	1120.9	1249.7	1520.3	2370.6	4019.7	8464.5	13012.4	14017.4	14056.0
37.5°	1004.9	1069.3	1172.4	1404.3	2190.2	3813.5	8503.2	13811.2	14777.5	14854.8
40°	979.2	1030.7	1108.0	1301.2	2048.5	3555.9	8580.5	14635.8	15898.4	15795.3
42.5°	927.6	992.0	1069.3	1249.7	1932.5	3362.6	8593.4	15086.7	16491.0	16491.0
45°	914.7	953.4	1043.6	1249.7	1803.7	3195.1	8387.2	15537.6	17173.8	16967.7
47.5°	863.2	940.5	1017.8	1211.1	1649.1	3027.6	8142.4	15769.5	17264.0	17199.6
50°	850.3	927.6	1056.5	1146.6	1558.9	2950.3	8090.9	16349.3	17444.4	17431.5
52.5°	824.6	901.9	1095.1	1095.1	1443.0	2847.3	8335.7	16607.0	17483.0	17586.1
55°	785.9	901.9	1017.8	1004.9	1339.9	2718.4	8606.2	17276.9	18165.9	18140.1
57.5°	760.1	876.1	966.3	914.7	1223.9	2628.3	9005.6	17921.1	18990.4	18810.1
60°	721.5	876.1	863.2	850.3	1133.8	2551.0	9340.6	18049.9	19170.8	19286.8
62.5°	695.7	914.7	760.1	785.9	1056.5	2512.3	9198.9	17083.7	18926.0	19029.1
65°	669.9	785.9	695.7	721.5	1030.7	2435.0	8644.9	15924.1	17869.6	18320.5
67.5°	618.4	644.2	644.2	669.9	1004.9	2254.6	7511.1	13837.0	16259.1	16503.9
70°	566.9	579.8	579.8	618.4	979.2	2048.5	6197.0	11968.9	14107.5	14571.4
72.5°	515.3	515.3	515.3	566.9	901.9	1881.0	5101.9	9198.9	11724.1	12046.2
75°	450.9	450.9	450.9	502.5	811.7	1713.5	4019.7	6841.2	8632.0	9095.8
77.5°	399.4	399.4	386.5	450.9	708.6	1391.4	2898.8	4831.4	6081.1	6467.6
80°	335.0	322.1	322.1	360.7	554.0	1004.9	1868.1	3414.2	4238.7	4406.2
82.5°	270.6	257.7	244.8	270.6	399.4	631.3	1159.5	2383.5	2718.4	2615.4
85°	257.7	270.6	219.0	206.1	283.4	412.3	734.4	1468.7	1223.9	1223.9
87.5°	103.1	90.2	90.2	77.3	141.7	154.6	322.1	270.6	206.1	206.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)