

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: P599091

Luminaire Tested: **IFLD-S-SA6B-830-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599091  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6B-830-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (96) 3000K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

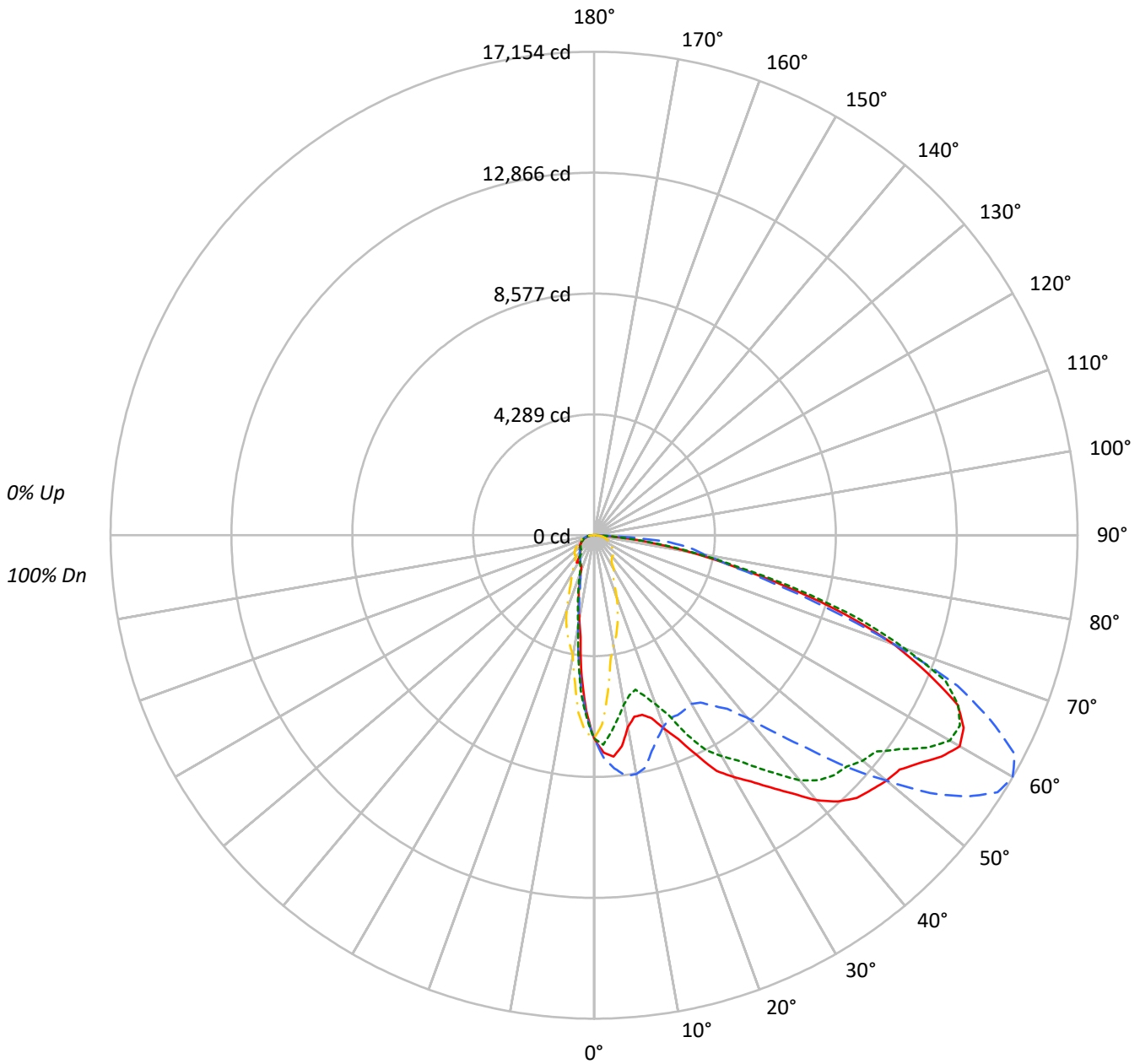
Lumens per Lamp: N/A  
 Luminaire Lumens: 22561.0 lumens  
 Efficiency: N/A  
 Efficacy: 92.1 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 244.9  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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°	51708	51708	51708	51708
5°	56809	50465	36190	39507
10°	50319	44411	21950	23555
15°	48998	42157	15539	16134
20°	55868	48760	10165	11235
25°	68069	61809	8875	9192
30°	82015	74967	9205	8541
35°	95652	88024	7628	7190
40°	114940	106314	7125	6750
45°	133762	122184	7211	6703
50°	151169	138879	7374	6927
55°	176296	165528	7638	7263
60°	215023	209133	7612	7612
65°	241649	241988	7817	8157
70°	237489	245887	8189	8399
75°	195902	208944	8603	9158
80°	141446	148475	9513	9926
85°	78284	84047	10712	13182

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	559.8	2.5
10°-20°	1181.9	5.2
20°-30°	1729.3	7.7
30°-40°	2436.5	10.8
40°-50°	3348.4	14.8
50°-60°	4563.5	20.2
60°-70°	4994.5	22.1
70°-80°	2883.5	12.8
80°-90°	863.5	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°	3471.0	15.4
0°-40°	5907.5	26.2
0°-60°	13819.4	61.3
0°-90°	22561.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22561.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7206	7206	7206	7206	7206	
5°	7886	7006	5024	5484	7886	716
15°	6595	5675	2092	2172	6595	1927
25°	8597	7806	1121	1161	8597	4026
35°	10919	10048	871	821	10919	6924
45°	13181	12040	711	660	13181	10130
55°	14091	13231	610	580	14091	12715
65°	14232	14252	460	480	14232	13621
75°	7066	7536	310	330	7066	7590
85°	951	1021	130	160	951	1319
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°	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8
2.5°	7716.3	7686.2	7716.3	7826.4	7856.4	7906.4	7906.4	7836.4	7706.3	7646.2	7546.1
5°	7886.4	7836.4	8086.6	8316.8	8496.9	8476.9	8306.7	8166.6	7906.4	7516.1	7145.8
7.5°	7546.1	7596.2	7776.3	8376.8	8797.1	8877.2	8607.0	8326.8	7766.3	7225.9	6725.5
10°	6905.6	6975.7	7366.0	7986.5	8647.0	8777.1	8607.0	8266.7	7596.2	6925.6	6345.2
12.5°	6595.4	6755.5	6985.7	7736.3	8206.7	8516.9	8436.8	8216.7	7466.1	6675.4	6115.0
15°	6595.4	6635.4	6975.7	7606.2	7876.4	7886.4	7916.4	7956.5	7506.1	6785.5	6034.9
17.5°	6805.5	6915.6	7205.8	7596.2	7646.2	7526.1	7526.1	7696.2	7586.2	7095.8	6325.1
20°	7315.9	7275.9	7656.2	7816.3	7546.1	7245.9	7215.9	7506.1	7676.2	7426.0	6855.6
22.5°	7826.4	8006.5	8316.8	7956.5	7456.1	7055.7	7015.7	7376.0	7946.5	7996.5	7466.1
25°	8597.0	8777.1	8937.3	8496.9	7446.0	7005.7	7035.7	7315.9	8276.7	8807.1	8486.9
27.5°	9427.7	9537.7	9767.9	9087.4	7686.2	6945.6	6975.7	7396.0	8587.0	9337.6	9287.5
30°	9898.0	10018.1	9968.1	9197.5	7846.4	6985.7	6905.6	7506.1	8416.8	9337.6	9808.0
32.5°	10358.4	10288.4	10258.3	9377.6	8046.5	7235.9	7035.7	7736.3	8516.9	9487.7	10478.5
35°	10918.9	10818.8	10738.7	9727.9	8376.8	7476.1	7386.0	8036.5	8737.1	9798.0	11018.9
37.5°	11539.4	11539.4	11149.1	9988.1	8767.1	7866.4	7766.3	8466.9	9087.4	9988.1	11759.5
40°	12270.0	12300.0	11609.4	10338.4	9207.5	8486.9	8456.9	9027.3	9427.7	10268.3	12470.1
42.5°	12810.4	12830.4	12009.7	10468.5	9717.9	9347.6	9477.7	9928.1	9818.0	10518.5	12520.2
45°	13180.7	13080.6	12290.0	10838.8	10278.3	10638.6	10678.7	10808.8	10328.4	10668.7	12720.3
47.5°	13360.8	13340.8	12410.1	11269.1	11459.3	11949.7	12179.9	11999.7	10798.8	10508.5	12720.3
50°	13541.0	13370.9	12520.2	11859.6	12610.2	13601.0	13551.0	13220.7	11449.3	10708.7	12530.2
52.5°	13661.1	13511.0	12740.3	12390.1	13711.1	14832.0	15032.2	14421.7	12209.9	11079.0	12620.2
55°	14091.4	13971.3	13400.9	13110.6	14982.2	16133.1	16163.1	15312.4	13010.6	11689.5	13210.7
57.5°	14611.9	14681.9	14311.6	14131.5	15952.9	17083.9	16973.8	15973.0	13691.1	12430.1	13891.3
60°	14982.2	15092.3	15002.2	15022.2	16433.3	17404.1	17153.9	16383.3	14191.5	12990.5	14722.0
62.5°	14782.0	15002.2	15372.5	15292.4	16453.4	17173.9	16823.7	15842.9	14251.6	13721.1	15352.5
65°	14231.6	14251.6	14972.2	15412.5	15552.6	15983.0	15522.6	14711.9	13631.1	14171.5	15262.4
67.5°	12820.4	12980.5	13631.1	14491.8	13901.3	14001.4	13961.3	12790.4	12690.3	13861.3	14571.8
70°	11319.2	11429.3	12139.9	13150.7	11739.5	11269.1	11359.2	10488.5	10898.8	12900.5	13180.7
72.5°	9357.6	9427.7	10238.3	11129.0	9417.6	8577.0	8787.1	8076.6	8657.0	11289.2	11119.0
75°	7065.7	7195.8	7826.4	8877.2	6935.6	6395.2	6605.4	6315.1	6855.6	9297.5	8627.0
77.5°	5024.1	4924.0	5704.6	6945.6	5214.2	4894.0	4914.0	4964.0	5544.5	7836.4	6195.0
80°	3422.8	3452.8	4153.4	5094.1	4093.3	4043.3	3993.2	4393.6	4653.8	6205.0	4503.7
82.5°	2031.6	2031.6	2802.3	3622.9	3232.6	3643.0	3412.8	3773.1	3643.0	4563.7	2952.4
85°	950.8	950.8	1441.2	2612.1	2502.0	3002.4	2552.1	2852.3	2692.2	3182.6	1331.1
87.5°	160.1	140.1	290.2	1281.0	1030.8	1171.0	460.4	1521.2	1691.4	2221.8	330.3
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°	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8
2.5°	7436.0	7366.0	7225.9	7045.7	6895.6	6705.4	6645.4	6515.3	6335.1	6315.1	6235.1
5°	7005.7	6765.5	6465.2	6094.9	5844.7	5584.5	5364.4	5234.2	5084.1	5064.1	5024.1
7.5°	6535.3	6235.1	5734.7	5294.3	4863.9	4453.6	4253.5	4003.2	3833.1	3703.0	3643.0
10°	6094.9	5814.7	5194.2	4593.7	4213.4	3943.2	3703.0	3442.8	3232.6	3072.5	3012.4
12.5°	5804.7	5474.4	4803.9	4233.4	3953.2	3643.0	3372.7	3092.5	2822.3	2612.1	2502.0
15°	5674.6	5364.4	4683.8	4053.3	3643.0	3212.6	2902.4	2622.1	2291.9	2141.7	2091.7
17.5°	5984.9	5524.5	4643.8	3843.1	3262.6	2772.3	2391.9	2091.7	1851.5	1701.4	1641.3
20°	6385.2	5814.7	4713.8	3592.9	2902.4	2351.9	1931.6	1611.3	1451.2	1341.1	1331.1
22.5°	6895.6	6245.1	4823.9	3412.8	2502.0	1891.5	1511.2	1321.1	1211.0	1201.0	1181.0
25°	7806.3	7025.7	5004.1	3172.6	2181.8	1561.3	1291.0	1181.0	1130.9	1100.9	1120.9
27.5°	8587.0	7536.1	5134.2	3022.5	2051.7	1471.2	1251.0	1130.9	1080.9	1070.9	1080.9
30°	9047.3	8006.5	5094.1	2742.2	1791.5	1401.1	1331.1	1291.0	1191.0	1110.9	1110.9
32.5°	9467.7	8306.7	5084.1	2492.0	1531.2	1171.0	1110.9	1080.9	1140.9	1181.0	1150.9
35°	10048.2	8777.1	5054.1	2351.9	1421.2	1080.9	980.8	900.7	860.7	840.7	870.7
37.5°	10668.7	9097.4	4974.0	2331.9	1361.1	1030.8	950.8	870.7	830.7	810.7	800.6
40°	11349.2	9437.7	4884.0	2231.8	1331.1	1000.8	920.7	850.7	800.6	770.6	760.6
42.5°	11789.6	9707.9	4793.9	2181.8	1271.0	980.8	890.7	830.7	780.6	740.6	740.6
45°	12039.8	10028.1	4703.8	2131.7	1201.0	990.8	890.7	810.7	750.6	730.6	710.6
47.5°	12149.9	10268.3	4673.8	2051.7	1140.9	950.8	870.7	790.6	730.6	690.6	680.6
50°	12440.1	10778.7	4783.9	1991.6	1070.9	910.7	920.7	780.6	720.6	670.5	660.5
52.5°	12610.2	11189.1	5024.1	1901.5	1020.8	860.7	900.7	760.6	690.6	640.5	640.5
55°	13230.7	11869.6	5284.3	1831.5	960.8	790.6	830.7	720.6	640.5	610.5	610.5
57.5°	14021.4	12590.2	5504.5	1801.5	920.7	740.6	740.6	700.6	610.5	570.5	560.5
60°	14571.8	13180.7	5634.6	1781.4	880.7	690.6	660.5	700.6	580.5	540.4	530.4
62.5°	14631.9	12840.4	5504.5	1771.4	870.7	640.5	600.5	670.5	550.4	510.4	490.4
65°	14251.6	12149.9	5144.2	1731.4	860.7	590.5	560.5	580.5	510.4	480.4	460.4
67.5°	13491.0	11029.0	4623.8	1711.4	850.7	550.4	510.4	500.4	470.4	440.4	420.3
70°	11719.5	9567.8	4013.3	1621.3	830.7	520.4	460.4	450.4	420.3	400.3	390.3
72.5°	9838.0	7826.4	3312.7	1501.2	790.6	470.4	420.3	400.3	390.3	360.3	350.3
75°	7536.1	6024.9	2652.2	1331.1	690.6	420.3	370.3	350.3	340.3	320.3	310.3
77.5°	5294.3	4483.6	1961.6	1080.9	580.5	380.3	330.3	310.3	300.2	270.2	270.2
80°	3592.9	3142.6	1331.1	750.6	450.4	310.3	290.2	270.2	250.2	230.2	230.2
82.5°	2231.8	2201.8	960.8	490.4	330.3	250.2	230.2	230.2	200.2	180.1	180.1
85°	1020.8	1351.1	670.5	340.3	250.2	190.2	190.2	180.1	160.1	130.1	130.1
87.5°	320.3	450.4	350.3	150.1	140.1	110.1	110.1	100.1	100.1	80.1	80.1
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°	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8
2.5°	6315.1	6305.1	6305.1	6265.1	6365.2	6365.2	6425.2	6375.2	6405.2	6415.2	6495.3
5°	5014.1	5094.1	5154.2	5274.3	5344.3	5374.4	5374.4	5454.4	5424.4	5484.5	5604.5
7.5°	3673.0	3773.1	3953.2	4103.3	4223.4	4263.5	4253.5	4273.5	4303.5	4233.4	4253.5
10°	2972.4	2902.4	2962.4	3102.5	3212.6	3342.7	3242.6	3232.6	3262.6	3232.6	3292.7
12.5°	2482.0	2401.9	2351.9	2351.9	2432.0	2492.0	2462.0	2512.0	2622.1	2652.2	2722.2
15°	2011.6	1941.6	1901.5	1851.5	1931.6	1951.6	1981.6	2051.7	2131.7	2171.8	2251.8
17.5°	1611.3	1611.3	1611.3	1571.3	1601.3	1631.3	1641.3	1731.4	1741.4	1781.4	1811.5
20°	1321.1	1351.1	1401.1	1421.2	1451.2	1451.2	1431.2	1481.2	1441.2	1471.2	1491.2
22.5°	1191.0	1231.0	1251.0	1261.0	1301.1	1311.1	1261.0	1271.0	1281.0	1251.0	1261.0
25°	1120.9	1140.9	1120.9	1130.9	1140.9	1120.9	1130.9	1150.9	1140.9	1160.9	1150.9
27.5°	1090.9	1070.9	1060.9	1050.9	1050.9	1030.8	1040.8	1040.8	1060.9	1070.9	1070.9
30°	1090.9	1060.9	1020.8	990.8	990.8	960.8	980.8	1000.8	1010.8	1030.8	1030.8
32.5°	1120.9	1060.9	990.8	960.8	930.8	910.7	930.8	960.8	1000.8	1010.8	1020.8
35°	890.7	920.7	910.7	870.7	860.7	860.7	850.7	850.7	820.7	820.7	810.7
37.5°	800.6	790.6	810.7	820.7	830.7	800.6	800.6	760.6	750.6	760.6	760.6
40°	750.6	750.6	750.6	780.6	790.6	770.6	740.6	720.6	720.6	720.6	730.6
42.5°	730.6	710.6	700.6	720.6	750.6	730.6	700.6	690.6	690.6	700.6	700.6
45°	700.6	690.6	680.6	670.5	710.6	680.6	670.5	660.5	660.5	660.5	670.5
47.5°	670.5	660.5	640.5	640.5	650.5	640.5	630.5	630.5	630.5	650.5	650.5
50°	650.5	640.5	620.5	620.5	620.5	620.5	610.5	610.5	610.5	620.5	630.5
52.5°	620.5	610.5	600.5	590.5	590.5	590.5	590.5	590.5	590.5	600.5	610.5
55°	590.5	580.5	570.5	570.5	580.5	580.5	570.5	580.5	570.5	580.5	590.5
57.5°	560.5	550.4	540.4	550.4	560.5	550.4	550.4	550.4	550.4	550.4	560.5
60°	520.4	520.4	520.4	520.4	540.4	540.4	540.4	540.4	520.4	530.4	540.4
62.5°	500.4	490.4	490.4	500.4	510.4	510.4	520.4	510.4	500.4	510.4	510.4
65°	460.4	460.4	460.4	470.4	470.4	480.4	480.4	480.4	470.4	480.4	480.4
67.5°	430.3	430.3	430.3	430.3	450.4	450.4	450.4	450.4	440.4	440.4	450.4
70°	380.3	390.3	380.3	400.3	420.3	410.3	420.3	420.3	410.3	400.3	420.3
72.5°	350.3	350.3	350.3	350.3	380.3	380.3	380.3	390.3	380.3	370.3	380.3
75°	310.3	310.3	310.3	320.3	340.3	340.3	340.3	340.3	340.3	330.3	330.3
77.5°	270.2	280.2	270.2	280.2	300.2	290.2	300.2	310.3	300.2	290.2	290.2
80°	230.2	230.2	230.2	240.2	250.2	250.2	250.2	260.2	250.2	240.2	240.2
82.5°	180.1	180.1	190.2	190.2	200.2	200.2	200.2	210.2	200.2	190.2	190.2
85°	140.1	140.1	140.1	150.1	150.1	160.1	160.1	170.1	170.1	160.1	160.1
87.5°	90.1	80.1	90.1	90.1	100.1	100.1	90.1	80.1	90.1	80.1	70.1
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: P599091  
 CATALOG NUMBER: IFLD-S-SA6B-830-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8	7205.8
2.5°	6575.3	6755.5	6885.6	6975.7	7105.8	7356.0	7456.1	7636.2	7686.2	7716.3
5°	5654.6	5844.7	6125.0	6325.1	6555.3	7025.7	7386.0	7656.2	7776.3	7886.4
7.5°	4433.6	4683.8	4974.0	5234.2	5614.6	6195.0	6665.4	7225.9	7436.0	7546.1
10°	3462.8	3693.0	4013.3	4333.5	4863.9	5354.3	6024.9	6535.3	6825.5	6905.6
12.5°	2922.4	3192.6	3572.9	3963.2	4293.5	4853.9	5534.5	6275.1	6545.3	6595.4
15°	2482.0	2852.3	3242.6	3643.0	4023.3	4513.7	5244.3	6145.0	6545.3	6595.4
17.5°	2051.7	2381.9	2842.3	3272.7	3713.0	4383.6	5294.3	6255.1	6655.4	6805.5
20°	1631.3	1951.6	2311.9	2852.3	3452.8	4163.4	5404.4	6625.4	7155.8	7315.9
22.5°	1351.1	1491.2	1841.5	2361.9	3072.5	4013.3	5514.5	7205.8	7766.3	7826.4
25°	1181.0	1281.0	1501.2	1991.6	2772.3	3913.2	5774.7	7876.4	8597.0	8597.0
27.5°	1100.9	1140.9	1291.0	1731.4	2562.1	3823.1	6034.9	8617.0	9287.5	9427.7
30°	1080.9	1181.0	1261.0	1541.3	2331.9	3572.9	6275.1	9197.5	9888.0	9898.0
32.5°	1060.9	1040.8	1100.9	1341.1	2051.7	3312.7	6475.3	9787.9	10328.4	10358.4
35°	830.7	870.7	970.8	1181.0	1841.5	3122.5	6575.3	10108.2	10888.8	10918.9
37.5°	780.6	830.7	910.7	1090.9	1701.4	2962.4	6605.4	10728.7	11479.3	11539.4
40°	760.6	800.6	860.7	1010.8	1591.3	2762.2	6665.4	11369.2	12350.0	12270.0
42.5°	720.6	770.6	830.7	970.8	1501.2	2612.1	6675.4	11719.5	12810.4	12810.4
45°	710.6	740.6	810.7	970.8	1401.1	2482.0	6515.3	12069.8	13340.8	13180.7
47.5°	670.5	730.6	790.6	940.8	1281.0	2351.9	6325.1	12249.9	13410.9	13360.8
50°	660.5	720.6	820.7	890.7	1211.0	2291.9	6285.1	12700.3	13551.0	13541.0
52.5°	640.5	700.6	850.7	850.7	1120.9	2211.8	6475.3	12900.5	13581.0	13661.1
55°	610.5	700.6	790.6	780.6	1040.8	2111.7	6685.4	13420.9	14111.5	14091.4
57.5°	590.5	680.6	750.6	710.6	950.8	2041.7	6995.7	13921.3	14752.0	14611.9
60°	560.5	680.6	670.5	660.5	880.7	1981.6	7255.9	14021.4	14892.1	14982.2
62.5°	540.4	710.6	590.5	610.5	820.7	1951.6	7145.8	13270.8	14701.9	14782.0
65°	520.4	610.5	540.4	560.5	800.6	1891.5	6715.5	12370.0	13881.3	14231.6
67.5°	480.4	500.4	500.4	520.4	780.6	1751.4	5834.7	10748.7	12630.3	12820.4
70°	440.4	450.4	450.4	480.4	760.6	1591.3	4813.9	9297.5	10958.9	11319.2
72.5°	400.3	400.3	400.3	440.4	700.6	1461.2	3963.2	7145.8	9107.4	9357.6
75°	350.3	350.3	350.3	390.3	630.5	1331.1	3122.5	5314.3	6705.4	7065.7
77.5°	310.3	310.3	300.2	350.3	550.4	1080.9	2251.8	3753.0	4723.8	5024.1
80°	260.2	250.2	250.2	280.2	430.3	780.6	1451.2	2652.2	3292.7	3422.8
82.5°	210.2	200.2	190.2	210.2	310.3	490.4	900.7	1851.5	2111.7	2031.6
85°	200.2	210.2	170.1	160.1	220.2	320.3	570.5	1140.9	950.8	950.8
87.5°	80.1	70.1	70.1	60.0	110.1	120.1	250.2	210.2	160.1	160.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)