

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: P599061

Luminaire Tested: **IFLD-S-SA6A-827-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599061  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-827-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (96) 2700K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

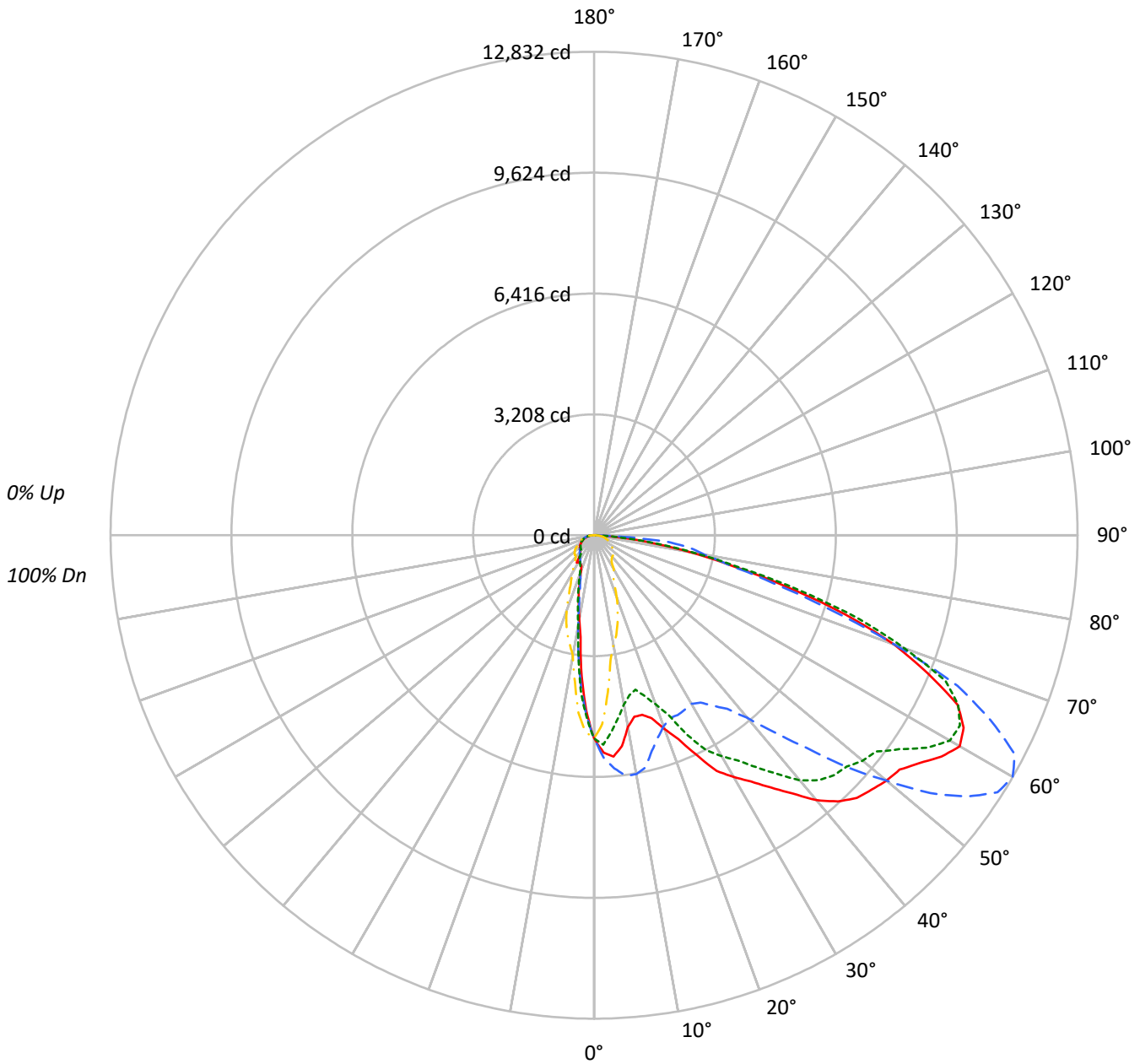
Lumens per Lamp: N/A  
 Luminaire Lumens: 16876.2 lumens  
 Efficiency: N/A  
 Efficacy: 89.0 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 189.6  
 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	100	100
1	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77	77	77	77
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60	60	60	60
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47	47	47	47
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38	38	38	38
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31	31	31	31
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26	26	26	26
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22	22	22	22
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19	19	19	19
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17	17	17	17
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15	15	15	15

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

	0°	90°	180°	270°
0°	38680	38680	38680	38680
5°	42494	37748	27071	29552
10°	37640	33221	16420	17620
15°	36651	31535	11624	12069
20°	41791	36474	7604	8404
25°	50918	46235	6639	6876
30°	61350	56078	6886	6389
35°	71550	65844	5706	5378
40°	85978	79526	5330	5049
45°	100057	91397	5394	5014
50°	113078	103885	5516	5182
55°	131875	123820	5714	5432
60°	160843	156437	5695	5695
65°	180759	181014	5848	6101
70°	177649	183930	6126	6284
75°	146541	156295	6435	6848
80°	105803	111064	7116	7426
85°	58556	62871	8011	9864

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	418.8	2.5
10°-20°	884.1	5.2
20°-30°	1293.5	7.7
30°-40°	1822.5	10.8
40°-50°	2504.7	14.8
50°-60°	3413.6	20.2
60°-70°	3736.1	22.1
70°-80°	2157.0	12.8
80°-90°	645.9	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°	2596.4	15.4
0°-40°	4418.9	26.2
0°-60°	10337.3	61.3
0°-90°	16876.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16876.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5390	5390	5390	5390	5390	
5°	5899	5240	3758	4102	5899	536
15°	4934	4245	1565	1624	4934	1441
25°	6431	5839	838	868	6431	3011
35°	8168	7516	651	614	8168	5179
45°	9860	9006	532	494	9860	7578
55°	10541	9897	457	434	10541	9511
65°	10646	10661	344	359	10646	10189
75°	5285	5637	232	247	5285	5678
85°	711	764	97	120	711	987
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°	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2
2.5°	5772.0	5749.5	5772.0	5854.3	5876.8	5914.2	5914.2	5861.8	5764.5	5719.6	5644.7
5°	5899.2	5861.8	6049.0	6221.2	6355.9	6340.9	6213.7	6108.9	5914.2	5622.3	5345.3
7.5°	5644.7	5682.1	5816.9	6266.1	6580.5	6640.4	6438.3	6228.6	5809.4	5405.1	5030.8
10°	5165.6	5218.0	5510.0	5974.1	6468.2	6565.5	6438.3	6183.7	5682.1	5180.6	4746.3
12.5°	4933.5	5053.3	5225.5	5787.0	6138.8	6370.9	6311.0	6146.3	5584.8	4993.4	4574.2
15°	4933.5	4963.5	5218.0	5689.6	5891.8	5899.2	5921.7	5951.7	5614.8	5075.7	4514.3
17.5°	5090.7	5173.1	5390.2	5682.1	5719.6	5629.7	5629.7	5757.0	5674.7	5307.8	4731.4
20°	5472.5	5442.6	5727.1	5846.8	5644.7	5420.1	5397.7	5614.8	5742.0	5554.9	5128.2
22.5°	5854.3	5989.1	6221.2	5951.7	5577.3	5277.9	5247.9	5517.4	5944.2	5981.6	5584.8
25°	6430.8	6565.5	6685.3	6355.9	5569.8	5240.4	5262.9	5472.5	6191.2	6588.0	6348.4
27.5°	7052.1	7134.5	7306.7	6797.6	5749.5	5195.5	5218.0	5532.4	6423.3	6984.8	6947.3
30°	7404.0	7493.8	7456.4	6880.0	5869.3	5225.5	5165.6	5614.8	6296.0	6984.8	7336.6
32.5°	7748.4	7696.0	7673.5	7014.7	6019.0	5412.6	5262.9	5787.0	6370.9	7097.1	7838.2
35°	8167.6	8092.7	8032.9	7276.7	6266.1	5592.3	5524.9	6011.5	6535.6	7329.1	8242.5
37.5°	8631.8	8631.8	8339.8	7471.4	6558.0	5884.3	5809.4	6333.5	6797.6	7471.4	8796.5
40°	9178.3	9200.7	8684.2	7733.4	6887.4	6348.4	6326.0	6752.7	7052.1	7681.0	9328.0
42.5°	9582.5	9597.5	8983.6	7830.7	7269.3	6992.3	7089.6	7426.5	7344.1	7868.2	9365.4
45°	9859.5	9784.7	9193.2	8107.7	7688.5	7958.0	7987.9	8085.3	7725.9	7980.5	9515.2
47.5°	9994.3	9979.3	9283.1	8429.6	8571.9	8938.7	9110.9	8976.1	8077.8	7860.7	9515.2
50°	10129.0	10001.8	9365.4	8871.3	9432.8	10174.0	10136.5	9889.5	8564.4	8010.4	9372.9
52.5°	10218.9	10106.6	9530.1	9268.1	10256.3	11094.8	11244.5	10787.8	9133.4	8287.4	9440.3
55°	10540.8	10451.0	10024.2	9807.1	11207.1	12068.0	12090.5	11454.1	9732.3	8744.1	9882.0
57.5°	10930.1	10982.5	10705.5	10570.7	11933.2	12779.2	12696.9	11948.2	10241.3	9298.1	10391.1
60°	11207.1	11289.4	11222.0	11237.0	12292.6	13018.8	12831.6	12255.2	10615.7	9717.3	11012.4
62.5°	11057.3	11222.0	11499.0	11439.1	12307.6	12846.6	12584.6	11850.9	10660.6	10263.8	11484.1
65°	10645.6	10660.6	11199.6	11529.0	11633.8	11955.7	11611.3	11004.9	10196.4	10600.7	11416.7
67.5°	9590.0	9709.8	10196.4	10840.2	10398.5	10473.4	10443.5	9567.6	9492.7	10368.6	10900.1
70°	8467.1	8549.4	9080.9	9837.1	8781.5	8429.6	8497.0	7845.7	8152.6	9649.9	9859.5
72.5°	6999.7	7052.1	7658.5	8324.8	7044.7	6415.8	6573.0	6041.5	6475.7	8444.6	8317.3
75°	5285.4	5382.7	5854.3	6640.4	5188.0	4783.8	4941.0	4723.9	5128.2	6954.8	6453.2
77.5°	3758.1	3683.3	4267.2	5195.5	3900.4	3660.8	3675.8	3713.2	4147.4	5861.8	4634.1
80°	2560.3	2582.8	3106.8	3810.6	3061.9	3024.5	2987.1	3286.5	3481.2	4641.5	3368.9
82.5°	1519.7	1519.7	2096.2	2710.1	2418.1	2725.0	2552.8	2822.4	2725.0	3413.8	2208.5
85°	711.2	711.2	1078.0	1953.9	1871.6	2245.9	1909.0	2133.6	2013.8	2380.7	995.7
87.5°	119.8	104.8	217.1	958.3	771.1	875.9	344.4	1137.9	1265.2	1662.0	247.0
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°	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2
2.5°	5562.4	5510.0	5405.1	5270.4	5158.1	5015.9	4970.9	4873.6	4738.9	4723.9	4664.0
5°	5240.4	5060.8	4836.2	4559.2	4372.0	4177.4	4012.7	3915.4	3803.1	3788.1	3758.1
7.5°	4888.6	4664.0	4289.7	3960.3	3638.4	3331.4	3181.7	2994.5	2867.3	2770.0	2725.0
10°	4559.2	4349.6	3885.4	3436.2	3151.8	2949.6	2770.0	2575.3	2418.1	2298.3	2253.4
12.5°	4342.1	4095.0	3593.5	3166.7	2957.1	2725.0	2522.9	2313.3	2111.2	1953.9	1871.6
15°	4244.8	4012.7	3503.6	3032.0	2725.0	2403.1	2171.0	1961.4	1714.4	1602.1	1564.6
17.5°	4476.8	4132.5	3473.7	2874.8	2440.6	2073.7	1789.2	1564.6	1385.0	1272.7	1227.8
20°	4776.3	4349.6	3526.1	2687.6	2171.0	1759.3	1444.9	1205.3	1085.5	1003.2	995.7
22.5°	5158.1	4671.5	3608.4	2552.8	1871.6	1414.9	1130.4	988.2	905.8	898.4	883.4
25°	5839.4	5255.4	3743.2	2373.2	1632.0	1167.9	965.7	883.4	846.0	823.5	838.5
27.5°	6423.3	5637.2	3840.5	2260.9	1534.7	1100.5	935.8	846.0	808.5	801.0	808.5
30°	6767.7	5989.1	3810.6	2051.3	1340.1	1048.1	995.7	965.7	890.9	831.0	831.0
32.5°	7082.1	6213.7	3803.1	1864.1	1145.4	875.9	831.0	808.5	853.4	883.4	860.9
35°	7516.3	6565.5	3780.6	1759.3	1063.1	808.5	733.7	673.8	643.8	628.9	651.3
37.5°	7980.5	6805.1	3720.7	1744.3	1018.1	771.1	711.2	651.3	621.4	606.4	598.9
40°	8489.5	7059.6	3653.3	1669.5	995.7	748.6	688.7	636.3	598.9	576.4	569.0
42.5°	8818.9	7261.8	3586.0	1632.0	950.8	733.7	666.3	621.4	583.9	554.0	554.0
45°	9006.1	7501.3	3518.6	1594.6	898.4	741.1	666.3	606.4	561.5	546.5	531.5
47.5°	9088.4	7681.0	3496.1	1534.7	853.4	711.2	651.3	591.4	546.5	516.6	509.1
50°	9305.5	8062.8	3578.5	1489.8	801.0	681.3	688.7	583.9	539.0	501.6	494.1
52.5°	9432.8	8369.7	3758.1	1422.4	763.6	643.8	673.8	569.0	516.6	479.1	479.1
55°	9897.0	8878.8	3952.8	1370.0	718.7	591.4	621.4	539.0	479.1	456.7	456.7
57.5°	10488.4	9417.8	4117.5	1347.5	688.7	554.0	554.0	524.0	456.7	426.7	419.2
60°	10900.1	9859.5	4214.8	1332.6	658.8	516.6	494.1	524.0	434.2	404.3	396.8
62.5°	10945.0	9605.0	4117.5	1325.1	651.3	479.1	449.2	501.6	411.7	381.8	366.8
65°	10660.6	9088.4	3848.0	1295.1	643.8	441.7	419.2	434.2	381.8	359.3	344.4
67.5°	10091.6	8250.0	3458.7	1280.2	636.3	411.7	381.8	374.3	351.9	329.4	314.4
70°	8766.5	7157.0	3002.0	1212.8	621.4	389.3	344.4	336.9	314.4	299.5	292.0
72.5°	7359.1	5854.3	2478.0	1123.0	591.4	351.9	314.4	299.5	292.0	269.5	262.0
75°	5637.2	4506.8	1983.9	995.7	516.6	314.4	277.0	262.0	254.5	239.6	232.1
77.5°	3960.3	3353.9	1467.3	808.5	434.2	284.5	247.0	232.1	224.6	202.1	202.1
80°	2687.6	2350.7	995.7	561.5	336.9	232.1	217.1	202.1	187.2	172.2	172.2
82.5°	1669.5	1647.0	718.7	366.8	247.0	187.2	172.2	172.2	149.7	134.8	134.8
85°	763.6	1010.7	501.6	254.5	187.2	142.2	142.2	134.8	119.8	97.3	97.3
87.5°	239.6	336.9	262.0	112.3	104.8	82.3	82.3	74.9	74.9	59.9	59.9
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°	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2
2.5°	4723.9	4716.4	4716.4	4686.5	4761.3	4761.3	4806.2	4768.8	4791.3	4798.8	4858.6
5°	3750.7	3810.6	3855.5	3945.3	3997.7	4020.2	4020.2	4080.1	4057.6	4102.5	4192.4
7.5°	2747.5	2822.4	2957.1	3069.4	3159.2	3189.2	3181.7	3196.7	3219.1	3166.7	3181.7
10°	2223.4	2171.0	2216.0	2320.8	2403.1	2500.4	2425.6	2418.1	2440.6	2418.1	2463.0
12.5°	1856.6	1796.7	1759.3	1759.3	1819.2	1864.1	1841.6	1879.1	1961.4	1983.9	2036.3
15°	1504.8	1452.4	1422.4	1385.0	1444.9	1459.8	1482.3	1534.7	1594.6	1624.5	1684.4
17.5°	1205.3	1205.3	1205.3	1175.4	1197.8	1220.3	1227.8	1295.1	1302.6	1332.6	1355.0
20°	988.2	1010.7	1048.1	1063.1	1085.5	1085.5	1070.5	1108.0	1078.0	1100.5	1115.5
22.5°	890.9	920.8	935.8	943.3	973.2	980.7	943.3	950.8	958.3	935.8	943.3
25°	838.5	853.4	838.5	846.0	853.4	838.5	846.0	860.9	853.4	868.4	860.9
27.5°	816.0	801.0	793.6	786.1	786.1	771.1	778.6	778.6	793.6	801.0	801.0
30°	816.0	793.6	763.6	741.1	741.1	718.7	733.7	748.6	756.1	771.1	771.1
32.5°	838.5	793.6	741.1	718.7	696.2	681.3	696.2	718.7	748.6	756.1	763.6
35°	666.3	688.7	681.3	651.3	643.8	643.8	636.3	636.3	613.9	613.9	606.4
37.5°	598.9	591.4	606.4	613.9	621.4	598.9	598.9	569.0	561.5	569.0	569.0
40°	561.5	561.5	561.5	583.9	591.4	576.4	554.0	539.0	539.0	539.0	546.5
42.5°	546.5	531.5	524.0	539.0	561.5	546.5	524.0	516.6	516.6	524.0	524.0
45°	524.0	516.6	509.1	501.6	531.5	509.1	501.6	494.1	494.1	494.1	501.6
47.5°	501.6	494.1	479.1	479.1	486.6	479.1	471.6	471.6	471.6	486.6	486.6
50°	486.6	479.1	464.2	464.2	464.2	464.2	456.7	456.7	456.7	464.2	471.6
52.5°	464.2	456.7	449.2	441.7	441.7	441.7	441.7	441.7	441.7	449.2	456.7
55°	441.7	434.2	426.7	426.7	434.2	434.2	426.7	434.2	426.7	434.2	441.7
57.5°	419.2	411.7	404.3	411.7	419.2	411.7	411.7	411.7	411.7	411.7	419.2
60°	389.3	389.3	389.3	389.3	404.3	404.3	404.3	404.3	389.3	396.8	404.3
62.5°	374.3	366.8	366.8	374.3	381.8	381.8	389.3	381.8	374.3	381.8	381.8
65°	344.4	344.4	344.4	351.9	351.9	359.3	359.3	359.3	351.9	359.3	359.3
67.5°	321.9	321.9	321.9	321.9	336.9	336.9	336.9	336.9	329.4	329.4	336.9
70°	284.5	292.0	284.5	299.5	314.4	306.9	314.4	314.4	306.9	299.5	314.4
72.5°	262.0	262.0	262.0	262.0	284.5	284.5	284.5	292.0	284.5	277.0	284.5
75°	232.1	232.1	232.1	239.6	254.5	254.5	254.5	254.5	254.5	247.0	247.0
77.5°	202.1	209.6	202.1	209.6	224.6	217.1	224.6	232.1	224.6	217.1	217.1
80°	172.2	172.2	172.2	179.7	187.2	187.2	187.2	194.6	187.2	179.7	179.7
82.5°	134.8	134.8	142.2	142.2	149.7	149.7	149.7	157.2	149.7	142.2	142.2
85°	104.8	104.8	104.8	112.3	112.3	119.8	119.8	127.3	127.3	119.8	119.8
87.5°	67.4	59.9	67.4	67.4	74.9	74.9	67.4	59.9	67.4	59.9	52.4
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: P599061  
 CATALOG NUMBER: IFLD-S-SA6A-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2	5390.2
2.5°	4918.5	5053.3	5150.6	5218.0	5315.3	5502.5	5577.3	5712.1	5749.5	5772.0
5°	4229.8	4372.0	4581.6	4731.4	4903.6	5255.4	5524.9	5727.1	5816.9	5899.2
7.5°	3316.5	3503.6	3720.7	3915.4	4199.8	4634.1	4985.9	5405.1	5562.4	5644.7
10°	2590.3	2762.5	3002.0	3241.6	3638.4	4005.2	4506.8	4888.6	5105.7	5165.6
12.5°	2186.0	2388.1	2672.6	2964.6	3211.6	3630.9	4140.0	4693.9	4896.1	4933.5
15°	1856.6	2133.6	2425.6	2725.0	3009.5	3376.3	3922.8	4596.6	4896.1	4933.5
17.5°	1534.7	1781.8	2126.1	2448.0	2777.4	3279.0	3960.3	4679.0	4978.4	5090.7
20°	1220.3	1459.8	1729.3	2133.6	2582.8	3114.3	4042.6	4956.0	5352.7	5472.5
22.5°	1010.7	1115.5	1377.5	1766.8	2298.3	3002.0	4125.0	5390.2	5809.4	5854.3
25°	883.4	958.3	1123.0	1489.8	2073.7	2927.2	4319.6	5891.8	6430.8	6430.8
27.5°	823.5	853.4	965.7	1295.1	1916.5	2859.8	4514.3	6445.8	6947.3	7052.1
30°	808.5	883.4	943.3	1152.9	1744.3	2672.6	4693.9	6880.0	7396.5	7404.0
32.5°	793.6	778.6	823.5	1003.2	1534.7	2478.0	4843.7	7321.7	7725.9	7748.4
35°	621.4	651.3	726.2	883.4	1377.5	2335.7	4918.5	7561.2	8145.2	8167.6
37.5°	583.9	621.4	681.3	816.0	1272.7	2216.0	4941.0	8025.4	8586.8	8631.8
40°	569.0	598.9	643.8	756.1	1190.3	2066.2	4985.9	8504.5	9238.2	9178.3
42.5°	539.0	576.4	621.4	726.2	1123.0	1953.9	4993.4	8766.5	9582.5	9582.5
45°	531.5	554.0	606.4	726.2	1048.1	1856.6	4873.6	9028.5	9979.3	9859.5
47.5°	501.6	546.5	591.4	703.7	958.3	1759.3	4731.4	9163.3	10031.7	9994.3
50°	494.1	539.0	613.9	666.3	905.8	1714.4	4701.4	9500.2	10136.5	10129.0
52.5°	479.1	524.0	636.3	636.3	838.5	1654.5	4843.7	9649.9	10159.0	10218.9
55°	456.7	524.0	591.4	583.9	778.6	1579.6	5000.9	10039.2	10555.8	10540.8
57.5°	441.7	509.1	561.5	531.5	711.2	1527.2	5233.0	10413.5	11034.9	10930.1
60°	419.2	509.1	501.6	494.1	658.8	1482.3	5427.6	10488.4	11139.7	11207.1
62.5°	404.3	531.5	441.7	456.7	613.9	1459.8	5345.3	9926.9	10997.5	11057.3
65°	389.3	456.7	404.3	419.2	598.9	1414.9	5023.3	9253.1	10383.6	10645.6
67.5°	359.3	374.3	374.3	389.3	583.9	1310.1	4364.5	8040.3	9447.8	9590.0
70°	329.4	336.9	336.9	359.3	569.0	1190.3	3600.9	6954.8	8197.6	8467.1
72.5°	299.5	299.5	299.5	329.4	524.0	1093.0	2964.6	5345.3	6812.6	6999.7
75°	262.0	262.0	262.0	292.0	471.6	995.7	2335.7	3975.3	5015.9	5285.4
77.5°	232.1	232.1	224.6	262.0	411.7	808.5	1684.4	2807.4	3533.6	3758.1
80°	194.6	187.2	187.2	209.6	321.9	583.9	1085.5	1983.9	2463.0	2560.3
82.5°	157.2	149.7	142.2	157.2	232.1	366.8	673.8	1385.0	1579.6	1519.7
85°	149.7	157.2	127.3	119.8	164.7	239.6	426.7	853.4	711.2	711.2
87.5°	59.9	52.4	52.4	44.9	82.3	89.8	187.2	157.2	119.8	119.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)