

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: P599058

Luminaire Tested: **IFLD-S-SA3C-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: P599058  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3C-827-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (48) 2700K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

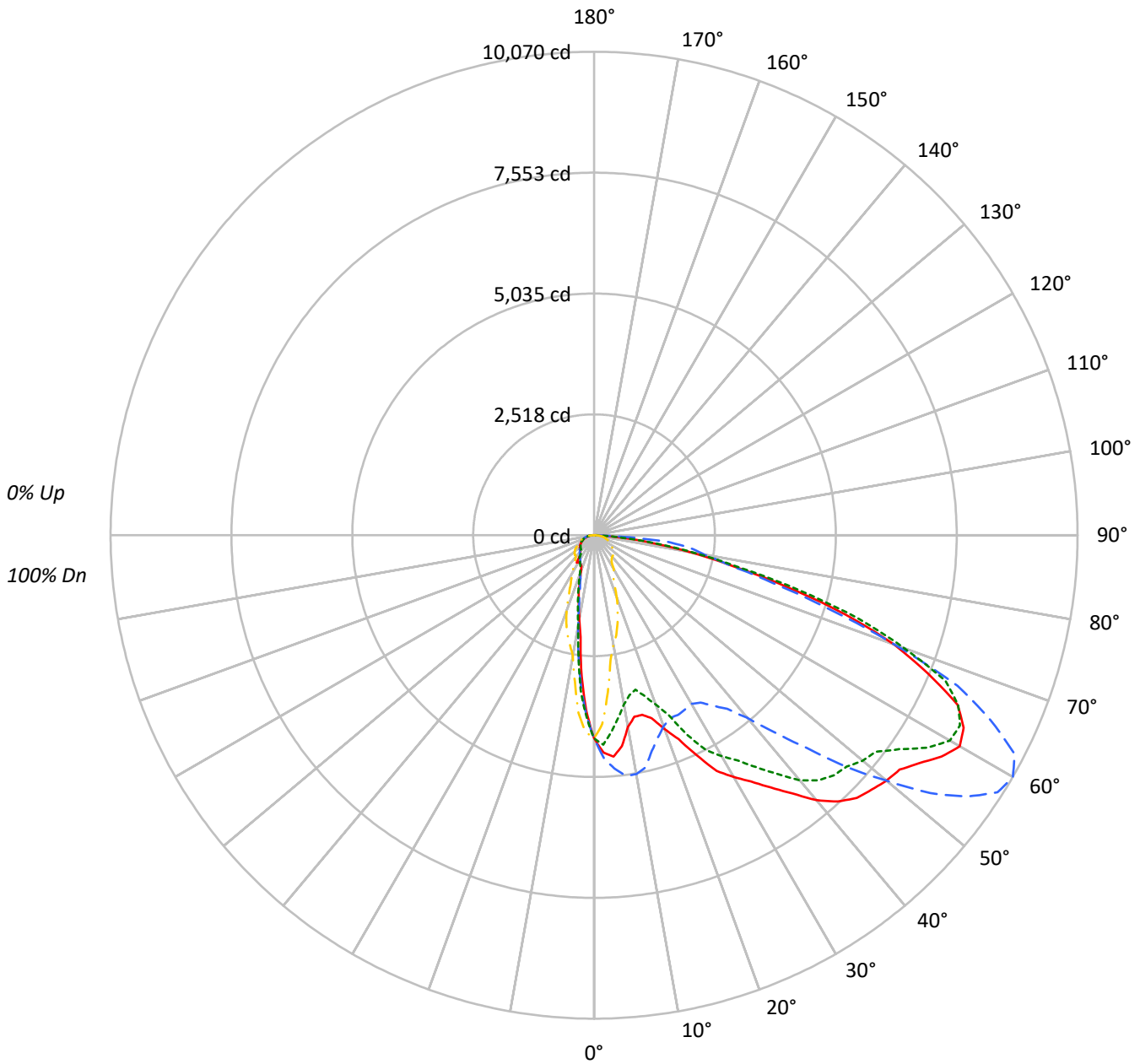
Lumens per Lamp: N/A  
 Luminaire Lumens: 13244.6 lumens  
 Efficiency: N/A  
 Efficacy: 82.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 160.8  
 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	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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77			77	
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60			60	
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47			47	
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38			38	
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31			31	
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26			26	
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22			22	
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19			19	
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17			17	
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15			15	

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

	0°	90°	180°	270°
0°	60713	60713	60713	60713
5°	66700	59252	42491	46385
10°	59080	52145	25773	27656
15°	57529	49497	18246	18944
20°	65596	57251	11934	13191
25°	79920	72571	10420	10792
30°	96296	88020	10808	10029
35°	112306	103351	8956	8441
40°	134952	124826	8365	7925
45°	157053	143459	8468	7871
50°	177491	163060	8659	8134
55°	206992	194349	8968	8527
60°	252461	245546	8938	8938
65°	283724	284122	9179	9577
70°	278838	288704	9614	9861
75°	230013	245328	10098	10752
80°	166075	174332	11166	11654
85°	91918	98686	12581	15479

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	328.6	2.5
10°-20°	693.9	5.2
20°-30°	1015.2	7.7
30°-40°	1430.3	10.8
40°-50°	1965.7	14.8
50°-60°	2679.0	20.2
60°-70°	2932.1	22.1
70°-80°	1692.8	12.8
80°-90°	506.9	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°	2037.7	15.4
0°-40°	3468.0	26.2
0°-60°	8112.8	61.3
0°-90°	13244.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13244.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	4230	4230	4230	4230	4230	
5°	4630	4113	2949	3220	4630	420
15°	3872	3331	1228	1275	3872	1131
25°	5047	4583	658	682	5047	2363
35°	6410	5899	511	482	6410	4065
45°	7738	7068	417	388	7738	5947
55°	8272	7767	358	341	8272	7464
65°	8355	8366	270	282	8355	7996
75°	4148	4424	182	194	4148	4456
85°	558	599	76	94	558	774
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°	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3
2.5°	4529.9	4512.3	4529.9	4594.5	4612.2	4641.5	4641.5	4600.4	4524.0	4488.8	4430.0
5°	4629.8	4600.4	4747.3	4882.4	4988.2	4976.4	4876.6	4794.3	4641.5	4412.4	4195.0
7.5°	4430.0	4459.4	4565.2	4917.7	5164.4	5211.5	5052.8	4888.3	4559.3	4242.0	3948.2
10°	4054.0	4095.1	4324.3	4688.5	5076.3	5152.7	5052.8	4853.1	4459.4	4065.8	3725.0
12.5°	3871.9	3965.9	4101.0	4541.7	4817.8	4999.9	4952.9	4823.7	4383.0	3918.9	3589.8
15°	3871.9	3895.4	4095.1	4465.3	4623.9	4629.8	4647.4	4670.9	4406.5	3983.5	3542.8
17.5°	3995.2	4059.9	4230.3	4459.4	4488.8	4418.3	4418.3	4518.2	4453.5	4165.6	3713.2
20°	4294.9	4271.4	4494.7	4588.7	4430.0	4253.8	4236.1	4406.5	4506.4	4359.5	4024.6
22.5°	4594.5	4700.3	4882.4	4670.9	4377.1	4142.1	4118.6	4330.1	4665.0	4694.4	4383.0
25°	5046.9	5152.7	5246.7	4988.2	4371.3	4112.8	4130.4	4294.9	4858.9	5170.3	4982.3
27.5°	5534.6	5599.2	5734.4	5334.8	4512.3	4077.5	4095.1	4341.9	5041.1	5481.7	5452.3
30°	5810.7	5881.2	5851.9	5399.5	4606.3	4101.0	4054.0	4406.5	4941.2	5481.7	5757.9
32.5°	6081.0	6039.9	6022.3	5505.2	4723.8	4247.9	4130.4	4541.7	4999.9	5569.8	6151.5
35°	6410.0	6351.3	6304.3	5710.9	4917.7	4388.9	4336.0	4717.9	5129.2	5752.0	6468.8
37.5°	6774.3	6774.3	6545.2	5863.6	5146.8	4618.0	4559.3	4970.6	5334.8	5863.6	6903.6
40°	7203.2	7220.8	6815.4	6069.3	5405.3	4982.3	4964.7	5299.6	5534.6	6028.1	7320.7
42.5°	7520.5	7532.2	7050.4	6145.6	5705.0	5487.6	5564.0	5828.4	5763.7	6175.0	7350.1
45°	7737.9	7679.1	7215.0	6363.0	6034.0	6245.5	6269.0	6345.4	6063.4	6263.1	7467.6
47.5°	7843.6	7831.9	7285.5	6615.7	6727.3	7015.2	7150.3	7044.6	6339.5	6169.1	7467.6
50°	7949.4	7849.5	7350.1	6962.3	7403.0	7984.6	7955.2	7761.4	6721.4	6286.6	7356.0
52.5°	8019.9	7931.7	7479.3	7273.7	8049.3	8707.3	8824.8	8466.4	7167.9	6504.0	7408.8
55°	8272.5	8202.0	7867.1	7696.7	8795.4	9471.1	9488.7	8989.3	7638.0	6862.4	7755.5
57.5°	8578.0	8619.2	8401.8	8296.0	9365.3	10029.3	9964.6	9377.1	8037.5	7297.2	8155.0
60°	8795.4	8860.1	8807.2	8818.9	9647.4	10217.3	10070.4	9618.0	8331.3	7626.2	8642.7
62.5°	8677.9	8807.2	9024.6	8977.6	9659.1	10082.1	9876.5	9300.7	8366.5	8055.1	9012.8
65°	8354.8	8366.5	8789.5	9048.1	9130.3	9383.0	9112.7	8636.8	8002.2	8319.5	8959.9
67.5°	7526.3	7620.4	8002.2	8507.5	8160.9	8219.6	8196.1	7508.7	7450.0	8137.4	8554.5
70°	6645.0	6709.7	7126.8	7720.2	6891.8	6615.7	6668.5	6157.4	6398.3	7573.3	7737.9
72.5°	5493.5	5534.6	6010.5	6533.4	5528.7	5035.2	5158.6	4741.4	5082.2	6627.4	6527.5
75°	4148.0	4224.4	4594.5	5211.5	4071.6	3754.4	3877.7	3707.4	4024.6	5458.2	5064.6
77.5°	2949.4	2890.7	3349.0	4077.5	3061.1	2873.1	2884.8	2914.2	3255.0	4600.4	3636.9
80°	2009.4	2027.0	2438.3	2990.6	2403.0	2373.6	2344.3	2579.3	2732.0	3642.7	2643.9
82.5°	1192.7	1192.7	1645.1	2126.9	1897.7	2138.6	2003.5	2215.0	2138.6	2679.2	1733.2
85°	558.2	558.2	846.1	1533.5	1468.8	1762.6	1498.2	1674.5	1580.5	1868.4	781.4
87.5°	94.0	82.3	170.4	752.0	605.2	687.4	270.3	893.1	992.9	1304.3	193.9
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3
2.5°	4365.4	4324.3	4242.0	4136.3	4048.1	3936.5	3901.2	3824.9	3719.1	3707.4	3660.4
5°	4112.8	3971.7	3795.5	3578.1	3431.2	3278.5	3149.2	3072.8	2984.7	2972.9	2949.4
7.5°	3836.6	3660.4	3366.6	3108.1	2855.4	2614.5	2497.0	2350.1	2250.3	2173.9	2138.6
10°	3578.1	3413.6	3049.3	2696.8	2473.5	2314.9	2173.9	2021.1	1897.7	1803.7	1768.5
12.5°	3407.7	3213.8	2820.2	2485.3	2320.8	2138.6	1980.0	1815.5	1656.9	1533.5	1468.8
15°	3331.3	3149.2	2749.7	2379.5	2138.6	1886.0	1703.9	1539.3	1345.5	1257.3	1228.0
17.5°	3513.5	3243.2	2726.2	2256.1	1915.4	1627.5	1404.2	1228.0	1086.9	998.8	963.6
20°	3748.5	3413.6	2767.3	2109.3	1703.9	1380.7	1133.9	945.9	851.9	787.3	781.4
22.5°	4048.1	3666.2	2831.9	2003.5	1468.8	1110.4	887.2	775.5	710.9	705.0	693.3
25°	4582.8	4124.5	2937.7	1862.5	1280.8	916.6	757.9	693.3	663.9	646.3	658.0
27.5°	5041.1	4424.2	3014.1	1774.4	1204.5	863.7	734.4	663.9	634.5	628.7	634.5
30°	5311.3	4700.3	2990.6	1609.9	1051.7	822.6	781.4	757.9	699.2	652.2	652.2
32.5°	5558.1	4876.6	2984.7	1463.0	898.9	687.4	652.2	634.5	669.8	693.3	675.7
35°	5898.9	5152.7	2967.1	1380.7	834.3	634.5	575.8	528.8	505.3	493.5	511.2
37.5°	6263.1	5340.7	2920.1	1369.0	799.0	605.2	558.2	511.2	487.7	475.9	470.0
40°	6662.7	5540.5	2867.2	1310.2	781.4	587.5	540.5	499.4	470.0	452.4	446.5
42.5°	6921.2	5699.1	2814.3	1280.8	746.2	575.8	522.9	487.7	458.3	434.8	434.8
45°	7068.1	5887.1	2761.4	1251.5	705.0	581.7	522.9	475.9	440.7	428.9	417.2
47.5°	7132.7	6028.1	2743.8	1204.5	669.8	558.2	511.2	464.2	428.9	405.4	399.5
50°	7303.1	6327.8	2808.4	1169.2	628.7	534.7	540.5	458.3	423.0	393.6	387.8
52.5°	7403.0	6568.7	2949.4	1116.3	599.3	505.3	528.8	446.5	405.4	376.0	376.0
55°	7767.2	6968.2	3102.2	1075.2	564.0	464.2	487.7	423.0	376.0	358.4	358.4
57.5°	8231.4	7391.2	3231.5	1057.6	540.5	434.8	434.8	411.3	358.4	334.9	329.0
60°	8554.5	7737.9	3307.8	1045.8	517.0	405.4	387.8	411.3	340.8	317.3	311.4
62.5°	8589.8	7538.1	3231.5	1039.9	511.2	376.0	352.5	393.6	323.1	299.6	287.9
65°	8366.5	7132.7	3019.9	1016.4	505.3	346.6	329.0	340.8	299.6	282.0	270.3
67.5°	7920.0	6474.7	2714.4	1004.7	499.4	323.1	299.6	293.8	276.1	258.5	246.8
70°	6880.1	5616.9	2356.0	951.8	487.7	305.5	270.3	264.4	246.8	235.0	229.1
72.5°	5775.5	4594.5	1944.7	881.3	464.2	276.1	246.8	235.0	229.1	211.5	205.6
75°	4424.2	3537.0	1557.0	781.4	405.4	246.8	217.4	205.6	199.8	188.0	182.1
77.5°	3108.1	2632.2	1151.6	634.5	340.8	223.3	193.9	182.1	176.3	158.6	158.6
80°	2109.3	1844.9	781.4	440.7	264.4	182.1	170.4	158.6	146.9	135.1	135.1
82.5°	1310.2	1292.6	564.0	287.9	193.9	146.9	135.1	135.1	117.5	105.8	105.8
85°	599.3	793.2	393.6	199.8	146.9	111.6	111.6	105.8	94.0	76.4	76.4
87.5°	188.0	264.4	205.6	88.1	82.3	64.6	64.6	58.8	58.8	47.0	47.0
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3
2.5°	3707.4	3701.5	3701.5	3678.0	3736.7	3736.7	3772.0	3742.6	3760.2	3766.1	3813.1
5°	2943.6	2990.6	3025.8	3096.3	3137.4	3155.1	3155.1	3202.1	3184.4	3219.7	3290.2
7.5°	2156.3	2215.0	2320.8	2408.9	2479.4	2502.9	2497.0	2508.8	2526.4	2485.3	2497.0
10°	1745.0	1703.9	1739.1	1821.4	1886.0	1962.4	1903.6	1897.7	1915.4	1897.7	1933.0
12.5°	1457.1	1410.1	1380.7	1380.7	1427.7	1463.0	1445.3	1474.7	1539.3	1557.0	1598.1
15°	1180.9	1139.8	1116.3	1086.9	1133.9	1145.7	1163.3	1204.5	1251.5	1275.0	1322.0
17.5°	945.9	945.9	945.9	922.4	940.1	957.7	963.6	1016.4	1022.3	1045.8	1063.4
20°	775.5	793.2	822.6	834.3	851.9	851.9	840.2	869.6	846.1	863.7	875.4
22.5°	699.2	722.7	734.4	740.3	763.8	769.7	740.3	746.2	752.0	734.4	740.3
25°	658.0	669.8	658.0	663.9	669.8	658.0	663.9	675.7	669.8	681.5	675.7
27.5°	640.4	628.7	622.8	616.9	616.9	605.2	611.0	611.0	622.8	628.7	628.7
30°	640.4	622.8	599.3	581.7	581.7	564.0	575.8	587.5	593.4	605.2	605.2
32.5°	658.0	622.8	581.7	564.0	546.4	534.7	546.4	564.0	587.5	593.4	599.3
35°	522.9	540.5	534.7	511.2	505.3	505.3	499.4	499.4	481.8	481.8	475.9
37.5°	470.0	464.2	475.9	481.8	487.7	470.0	470.0	446.5	440.7	446.5	446.5
40°	440.7	440.7	440.7	458.3	464.2	452.4	434.8	423.0	423.0	423.0	428.9
42.5°	428.9	417.2	411.3	423.0	440.7	428.9	411.3	405.4	405.4	411.3	411.3
45°	411.3	405.4	399.5	393.6	417.2	399.5	393.6	387.8	387.8	387.8	393.6
47.5°	393.6	387.8	376.0	376.0	381.9	376.0	370.1	370.1	370.1	381.9	381.9
50°	381.9	376.0	364.3	364.3	364.3	364.3	358.4	358.4	358.4	364.3	370.1
52.5°	364.3	358.4	352.5	346.6	346.6	346.6	346.6	346.6	346.6	352.5	358.4
55°	346.6	340.8	334.9	334.9	340.8	340.8	334.9	340.8	334.9	340.8	346.6
57.5°	329.0	323.1	317.3	323.1	329.0	323.1	323.1	323.1	323.1	323.1	329.0
60°	305.5	305.5	305.5	305.5	317.3	317.3	317.3	317.3	305.5	311.4	317.3
62.5°	293.8	287.9	287.9	293.8	299.6	299.6	305.5	299.6	293.8	299.6	299.6
65°	270.3	270.3	270.3	276.1	276.1	282.0	282.0	282.0	276.1	282.0	282.0
67.5°	252.6	252.6	252.6	252.6	264.4	264.4	264.4	264.4	258.5	258.5	264.4
70°	223.3	229.1	223.3	235.0	246.8	240.9	246.8	246.8	240.9	235.0	246.8
72.5°	205.6	205.6	205.6	205.6	223.3	223.3	223.3	229.1	223.3	217.4	223.3
75°	182.1	182.1	182.1	188.0	199.8	199.8	199.8	199.8	199.8	193.9	193.9
77.5°	158.6	164.5	158.6	164.5	176.3	170.4	176.3	182.1	176.3	170.4	170.4
80°	135.1	135.1	135.1	141.0	146.9	146.9	146.9	152.8	146.9	141.0	141.0
82.5°	105.8	105.8	111.6	111.6	117.5	117.5	117.5	123.4	117.5	111.6	111.6
85°	82.3	82.3	82.3	88.1	88.1	94.0	94.0	99.9	99.9	94.0	94.0
87.5°	52.9	47.0	52.9	52.9	58.8	58.8	52.9	47.0	52.9	47.0	41.1
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: P599058  
 CATALOG NUMBER: IFLD-S-SA3C-827-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3	4230.3
2.5°	3860.1	3965.9	4042.3	4095.1	4171.5	4318.4	4377.1	4482.9	4512.3	4529.9
5°	3319.6	3431.2	3595.7	3713.2	3848.4	4124.5	4336.0	4494.7	4565.2	4629.8
7.5°	2602.8	2749.7	2920.1	3072.8	3296.1	3636.9	3913.0	4242.0	4365.4	4430.0
10°	2032.9	2168.0	2356.0	2544.0	2855.4	3143.3	3537.0	3836.6	4007.0	4054.0
12.5°	1715.6	1874.2	2097.5	2326.6	2520.5	2849.6	3249.1	3683.9	3842.5	3871.9
15°	1457.1	1674.5	1903.6	2138.6	2361.9	2649.8	3078.7	3607.5	3842.5	3871.9
17.5°	1204.5	1398.3	1668.6	1921.2	2179.8	2573.4	3108.1	3672.1	3907.1	3995.2
20°	957.7	1145.7	1357.2	1674.5	2027.0	2444.2	3172.7	3889.5	4200.9	4294.9
22.5°	793.2	875.4	1081.1	1386.6	1803.7	2356.0	3237.3	4230.3	4559.3	4594.5
25°	693.3	752.0	881.3	1169.2	1627.5	2297.3	3390.1	4623.9	5046.9	5046.9
27.5°	646.3	669.8	757.9	1016.4	1504.1	2244.4	3542.8	5058.7	5452.3	5534.6
30°	634.5	693.3	740.3	904.8	1369.0	2097.5	3683.9	5399.5	5804.9	5810.7
32.5°	622.8	611.0	646.3	787.3	1204.5	1944.7	3801.4	5746.1	6063.4	6081.0
35°	487.7	511.2	569.9	693.3	1081.1	1833.1	3860.1	5934.1	6392.4	6410.0
37.5°	458.3	487.7	534.7	640.4	998.8	1739.1	3877.7	6298.4	6739.0	6774.3
40°	446.5	470.0	505.3	593.4	934.2	1621.6	3913.0	6674.4	7250.2	7203.2
42.5°	423.0	452.4	487.7	569.9	881.3	1533.5	3918.9	6880.1	7520.5	7520.5
45°	417.2	434.8	475.9	569.9	822.6	1457.1	3824.9	7085.7	7831.9	7737.9
47.5°	393.6	428.9	464.2	552.3	752.0	1380.7	3713.2	7191.4	7873.0	7843.6
50°	387.8	423.0	481.8	522.9	710.9	1345.5	3689.7	7455.8	7955.2	7949.4
52.5°	376.0	411.3	499.4	499.4	658.0	1298.5	3801.4	7573.3	7972.9	8019.9
55°	358.4	411.3	464.2	458.3	611.0	1239.7	3924.7	7878.9	8284.3	8272.5
57.5°	346.6	399.5	440.7	417.2	558.2	1198.6	4106.9	8172.6	8660.3	8578.0
60°	329.0	399.5	393.6	387.8	517.0	1163.3	4259.6	8231.4	8742.5	8795.4
62.5°	317.3	417.2	346.6	358.4	481.8	1145.7	4195.0	7790.7	8630.9	8677.9
65°	305.5	358.4	317.3	329.0	470.0	1110.4	3942.4	7262.0	8149.1	8354.8
67.5°	282.0	293.8	293.8	305.5	458.3	1028.2	3425.3	6310.1	7414.7	7526.3
70°	258.5	264.4	264.4	282.0	446.5	934.2	2826.1	5458.2	6433.5	6645.0
72.5°	235.0	235.0	235.0	258.5	411.3	857.8	2326.6	4195.0	5346.6	5493.5
75°	205.6	205.6	205.6	229.1	370.1	781.4	1833.1	3119.8	3936.5	4148.0
77.5°	182.1	182.1	176.3	205.6	323.1	634.5	1322.0	2203.3	2773.2	2949.4
80°	152.8	146.9	146.9	164.5	252.6	458.3	851.9	1557.0	1933.0	2009.4
82.5°	123.4	117.5	111.6	123.4	182.1	287.9	528.8	1086.9	1239.7	1192.7
85°	117.5	123.4	99.9	94.0	129.3	188.0	334.9	669.8	558.2	558.2
87.5°	47.0	41.1	41.1	35.3	64.6	70.5	146.9	123.4	94.0	94.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)