

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: P598858

Luminaire Tested: **IFLD-S-SA6A-722-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598858  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6A-722-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (96) 2200K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

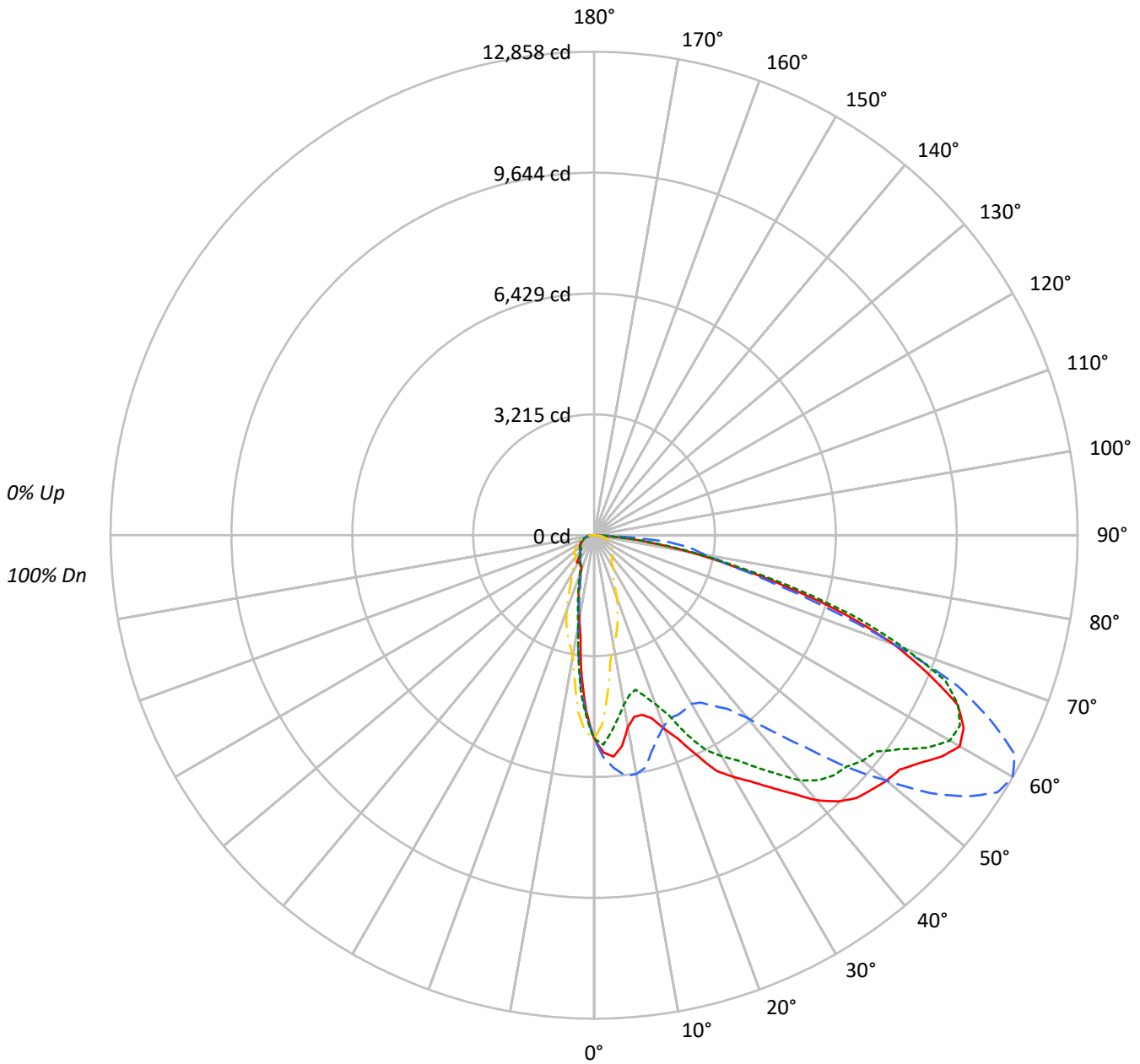
Lumens per Lamp: N/A  
 Luminaire Lumens: 16910.7 lumens  
 Efficiency: N/A  
 Efficacy: 89.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

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	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°	38759	38759	38759	38759
5°	42581	37826	27126	29612
10°	37716	33289	16453	17656
15°	36726	31599	11647	12094
20°	41876	36548	7619	8421
25°	51021	46329	6653	6890
30°	61475	56192	6900	6403
35°	71696	65978	5717	5388
40°	86153	79688	5340	5059
45°	100261	91583	5405	5024
50°	113309	104097	5527	5192
55°	132144	124073	5725	5443
60°	161170	156757	5706	5706
65°	181128	181383	5860	6114
70°	178010	184306	6139	6296
75°	146841	156614	6449	6865
80°	106022	111291	7128	7438
85°	58680	63003	8028	9880

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	419.6	2.5
10°-20°	885.9	5.2
20°-30°	1296.2	7.7
30°-40°	1826.3	10.8
40°-50°	2509.8	14.8
50°-60°	3420.6	20.2
60°-70°	3743.7	22.1
70°-80°	2161.4	12.8
80°-90°	647.2	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°	2601.7	15.4
0°-40°	4428.0	26.2
0°-60°	10358.4	61.3
0°-90°	16910.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16910.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5401	5401	5401	5401	5401	
5°	5911	5251	3766	4111	5911	537
15°	4944	4253	1568	1628	4944	1444
25°	6444	5851	840	870	6444	3017
35°	8184	7532	653	615	8184	5190
45°	9880	9024	533	495	9880	7593
55°	10562	9917	458	435	10562	9530
65°	10667	10682	345	360	10667	10210
75°	5296	5649	233	248	5296	5689
85°	713	765	98	120	713	989
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°	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2
2.5°	5783.8	5761.3	5783.8	5866.3	5888.8	5926.3	5926.3	5873.8	5776.3	5731.2	5656.2
5°	5911.3	5873.8	6061.3	6233.9	6368.9	6353.9	6226.4	6121.3	5926.3	5633.7	5356.2
7.5°	5656.2	5693.7	5828.8	6278.9	6593.9	6653.9	6451.4	6241.4	5821.3	5416.2	5041.1
10°	5176.1	5228.6	5521.2	5986.3	6481.4	6578.9	6451.4	6196.3	5693.7	5191.1	4756.0
12.5°	4943.6	5063.6	5236.1	5798.8	6151.3	6383.9	6323.9	6158.8	5596.2	5003.6	4583.5
15°	4943.6	4973.6	5228.6	5701.2	5903.8	5911.3	5933.8	5963.8	5626.2	5086.1	4523.5
17.5°	5101.1	5183.6	5401.2	5693.7	5731.2	5641.2	5641.2	5768.8	5686.2	5318.7	4741.0
20°	5483.7	5453.7	5738.7	5858.8	5656.2	5431.2	5408.7	5626.2	5753.8	5566.2	5138.6
22.5°	5866.3	6001.3	6233.9	5963.8	5588.7	5288.6	5258.6	5528.7	5956.3	5993.8	5596.2
25°	6443.9	6578.9	6699.0	6368.9	5581.2	5251.1	5273.6	5483.7	6203.8	6601.4	6361.4
27.5°	7066.5	7149.1	7321.6	6811.5	5761.3	5206.1	5228.6	5543.7	6436.4	6999.0	6961.5
30°	7419.1	7509.1	7471.6	6894.0	5881.3	5236.1	5176.1	5626.2	6308.9	6999.0	7351.6
32.5°	7764.2	7711.7	7689.2	7029.0	6031.3	5423.7	5273.6	5798.8	6383.9	7111.5	7854.2
35°	8184.3	8109.3	8049.2	7291.6	6278.9	5603.7	5536.2	6023.8	6548.9	7344.1	8259.3
37.5°	8649.4	8649.4	8356.8	7486.6	6571.4	5896.3	5821.3	6346.4	6811.5	7486.6	8814.4
40°	9197.0	9219.5	8701.9	7749.2	6901.5	6361.4	6338.9	6766.5	7066.5	7696.7	9347.0
42.5°	9602.1	9617.1	9002.0	7846.7	7284.1	7006.5	7104.0	7441.6	7359.1	7884.2	9384.5
45°	9879.6	9804.6	9212.0	8124.3	7704.2	7974.2	8004.2	8101.8	7741.7	7996.7	9534.6
47.5°	10014.7	9999.7	9302.0	8446.8	8589.4	8956.9	9129.5	8994.5	8094.3	7876.7	9534.6
50°	10149.7	10022.2	9384.5	8889.4	9452.1	10194.7	10157.2	9909.7	8581.9	8026.7	9392.0
52.5°	10239.7	10127.2	9549.6	9287.0	10277.2	11117.4	11267.4	10809.8	9152.0	8304.3	9459.6
55°	10562.3	10472.3	10044.7	9827.1	11229.9	12092.6	12115.1	11477.5	9752.1	8761.9	9902.2
57.5°	10952.4	11004.9	10727.3	10592.3	11957.6	12805.3	12722.8	11972.6	10262.2	9317.0	10412.3
60°	11229.9	11312.5	11244.9	11259.9	12317.7	13045.3	12857.8	12280.2	10637.3	9737.1	11034.9
62.5°	11079.9	11244.9	11522.5	11462.5	12332.7	12872.8	12610.2	11875.1	10682.3	10284.7	11507.5
65°	10667.3	10682.3	11222.4	11552.5	11657.5	11980.1	11635.0	11027.4	10217.2	10622.3	11440.0
67.5°	9609.6	9729.6	10217.2	10862.4	10419.8	10494.8	10464.8	9587.1	9512.1	10389.8	10922.4
70°	8484.3	8566.9	9099.5	9857.1	8799.4	8446.8	8514.4	7861.7	8169.3	9669.6	9879.6
72.5°	7014.0	7066.5	7674.2	8341.8	7059.0	6428.9	6586.4	6053.8	6488.9	8461.8	8334.3
75°	5296.2	5393.7	5866.3	6653.9	5198.6	4793.5	4951.1	4733.5	5138.6	6969.0	6466.4
77.5°	3765.8	3690.8	4275.9	5206.1	3908.3	3668.3	3683.3	3720.8	4155.9	5873.8	4643.5
80°	2565.6	2588.1	3113.2	3818.3	3068.2	3030.7	2993.2	3293.2	3488.3	4651.0	3375.7
82.5°	1522.8	1522.8	2100.5	2715.6	2423.0	2730.6	2558.1	2828.1	2730.6	3420.7	2213.0
85°	712.7	712.7	1080.2	1957.9	1875.4	2250.5	1912.9	2138.0	2017.9	2385.5	997.7
87.5°	120.0	105.0	217.5	960.2	772.7	877.7	345.1	1140.2	1267.8	1665.4	247.6
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°	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2
2.5°	5573.7	5521.2	5416.2	5281.1	5168.6	5026.1	4981.1	4883.6	4748.5	4733.5	4673.5
5°	5251.1	5071.1	4846.1	4568.5	4381.0	4185.9	4020.9	3923.4	3810.8	3795.8	3765.8
7.5°	4898.6	4673.5	4298.4	3968.4	3645.8	3338.2	3188.2	3000.7	2873.1	2775.6	2730.6
10°	4568.5	4358.4	3893.3	3443.2	3158.2	2955.6	2775.6	2580.6	2423.0	2303.0	2258.0
12.5°	4350.9	4103.4	3600.8	3173.2	2963.1	2730.6	2528.0	2318.0	2115.5	1957.9	1875.4
15°	4253.4	4020.9	3510.8	3038.2	2730.6	2408.0	2175.5	1965.4	1717.9	1605.3	1567.8
17.5°	4486.0	4140.9	3480.8	2880.6	2445.5	2078.0	1792.9	1567.8	1387.8	1275.3	1230.3
20°	4786.0	4358.4	3533.3	2693.1	2175.5	1762.9	1447.8	1207.8	1087.7	1005.2	997.7
22.5°	5168.6	4681.0	3615.8	2558.1	1875.4	1417.8	1132.7	990.2	907.7	900.2	885.2
25°	5851.3	5266.1	3750.8	2378.0	1635.4	1170.3	967.7	885.2	847.7	825.2	840.2
27.5°	6436.4	5648.7	3848.3	2265.5	1537.8	1102.7	937.7	847.7	810.2	802.7	810.2
30°	6781.5	6001.3	3818.3	2055.4	1342.8	1050.2	997.7	967.7	892.7	832.7	832.7
32.5°	7096.5	6226.4	3810.8	1867.9	1147.7	877.7	832.7	810.2	855.2	885.2	862.7
35°	7531.6	6578.9	3788.3	1762.9	1065.2	810.2	735.2	675.1	645.1	630.1	652.6
37.5°	7996.7	6819.0	3728.3	1747.9	1020.2	772.7	712.7	652.6	622.6	607.6	600.1
40°	8506.8	7074.0	3660.8	1672.9	997.7	750.2	690.2	637.6	600.1	577.6	570.1
42.5°	8836.9	7276.6	3593.3	1635.4	952.7	735.2	667.6	622.6	585.1	555.1	555.1
45°	9024.5	7516.6	3525.8	1597.8	900.2	742.7	667.6	607.6	562.6	547.6	532.6
47.5°	9107.0	7696.7	3503.3	1537.8	855.2	712.7	652.6	592.6	547.6	517.6	510.1
50°	9324.5	8079.3	3585.8	1492.8	802.7	682.6	690.2	585.1	540.1	502.6	495.1
52.5°	9452.1	8386.8	3765.8	1425.3	765.2	645.1	675.1	570.1	517.6	480.1	480.1
55°	9917.2	8896.9	3960.9	1372.8	720.2	592.6	622.6	540.1	480.1	457.6	457.6
57.5°	10509.8	9437.1	4125.9	1350.3	690.2	555.1	555.1	525.1	457.6	427.6	420.1
60°	10922.4	9879.6	4223.4	1335.3	660.1	517.6	495.1	525.1	435.1	405.1	397.6
62.5°	10967.4	9624.6	4125.9	1327.8	652.6	480.1	450.1	502.6	412.6	382.6	367.6
65°	10682.3	9107.0	3855.8	1297.8	645.1	442.6	420.1	435.1	382.6	360.1	345.1
67.5°	10112.2	8266.8	3465.8	1282.8	637.6	412.6	382.6	375.1	352.6	330.1	315.1
70°	8784.4	7171.6	3008.2	1215.3	622.6	390.1	345.1	337.6	315.1	300.1	292.6
72.5°	7374.1	5866.3	2483.0	1125.2	592.6	352.6	315.1	300.1	292.6	270.1	262.6
75°	5648.7	4516.0	1987.9	997.7	517.6	315.1	277.6	262.6	255.1	240.1	232.6
77.5°	3968.4	3360.7	1470.3	810.2	435.1	285.1	247.6	232.6	225.0	202.5	202.5
80°	2693.1	2355.5	997.7	562.6	337.6	232.6	217.5	202.5	187.5	172.5	172.5
82.5°	1672.9	1650.4	720.2	367.6	247.6	187.5	172.5	172.5	150.0	135.0	135.0
85°	765.2	1012.7	502.6	255.1	187.5	142.5	142.5	135.0	120.0	97.5	97.5
87.5°	240.1	337.6	262.6	112.5	105.0	82.5	82.5	75.0	75.0	60.0	60.0
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°	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2
2.5°	4733.5	4726.0	4726.0	4696.0	4771.0	4771.0	4816.0	4778.5	4801.0	4808.5	4868.6
5°	3758.3	3818.3	3863.3	3953.4	4005.9	4028.4	4028.4	4088.4	4065.9	4110.9	4200.9
7.5°	2753.1	2828.1	2963.1	3075.7	3165.7	3195.7	3188.2	3203.2	3225.7	3173.2	3188.2
10°	2228.0	2175.5	2220.5	2325.5	2408.0	2505.5	2430.5	2423.0	2445.5	2423.0	2468.0
12.5°	1860.4	1800.4	1762.9	1762.9	1822.9	1867.9	1845.4	1882.9	1965.4	1987.9	2040.4
15°	1507.8	1455.3	1425.3	1387.8	1447.8	1462.8	1485.3	1537.8	1597.8	1627.9	1687.9
17.5°	1207.8	1207.8	1207.8	1177.8	1200.3	1222.8	1230.3	1297.8	1305.3	1335.3	1357.8
20°	990.2	1012.7	1050.2	1065.2	1087.7	1087.7	1072.7	1110.2	1080.2	1102.7	1117.7
22.5°	892.7	922.7	937.7	945.2	975.2	982.7	945.2	952.7	960.2	937.7	945.2
25°	840.2	855.2	840.2	847.7	855.2	840.2	847.7	862.7	855.2	870.2	862.7
27.5°	817.7	802.7	795.2	787.7	787.7	772.7	780.2	780.2	795.2	802.7	802.7
30°	817.7	795.2	765.2	742.7	742.7	720.2	735.2	750.2	757.7	772.7	772.7
32.5°	840.2	795.2	742.7	720.2	697.7	682.6	697.7	720.2	750.2	757.7	765.2
35°	667.6	690.2	682.6	652.6	645.1	645.1	637.6	637.6	615.1	615.1	607.6
37.5°	600.1	592.6	607.6	615.1	622.6	600.1	600.1	570.1	562.6	570.1	570.1
40°	562.6	562.6	562.6	585.1	592.6	577.6	555.1	540.1	540.1	540.1	547.6
42.5°	547.6	532.6	525.1	540.1	562.6	547.6	525.1	517.6	517.6	525.1	525.1
45°	525.1	517.6	510.1	502.6	532.6	510.1	502.6	495.1	495.1	495.1	502.6
47.5°	502.6	495.1	480.1	480.1	487.6	480.1	472.6	472.6	472.6	487.6	487.6
50°	487.6	480.1	465.1	465.1	465.1	465.1	457.6	457.6	457.6	465.1	472.6
52.5°	465.1	457.6	450.1	442.6	442.6	442.6	442.6	442.6	442.6	450.1	457.6
55°	442.6	435.1	427.6	427.6	435.1	435.1	427.6	435.1	427.6	435.1	442.6
57.5°	420.1	412.6	405.1	412.6	420.1	412.6	412.6	412.6	412.6	412.6	420.1
60°	390.1	390.1	390.1	390.1	405.1	405.1	405.1	405.1	390.1	397.6	405.1
62.5°	375.1	367.6	367.6	375.1	382.6	382.6	390.1	382.6	375.1	382.6	382.6
65°	345.1	345.1	345.1	352.6	352.6	360.1	360.1	360.1	352.6	360.1	360.1
67.5°	322.6	322.6	322.6	322.6	337.6	337.6	337.6	337.6	330.1	330.1	337.6
70°	285.1	292.6	285.1	300.1	315.1	307.6	315.1	315.1	307.6	300.1	315.1
72.5°	262.6	262.6	262.6	262.6	285.1	285.1	285.1	292.6	285.1	277.6	285.1
75°	232.6	232.6	232.6	240.1	255.1	255.1	255.1	255.1	255.1	247.6	247.6
77.5°	202.5	210.0	202.5	210.0	225.0	217.5	225.0	232.6	225.0	217.5	217.5
80°	172.5	172.5	172.5	180.0	187.5	187.5	187.5	195.0	187.5	180.0	180.0
82.5°	135.0	135.0	142.5	142.5	150.0	150.0	150.0	157.5	150.0	142.5	142.5
85°	105.0	105.0	105.0	112.5	112.5	120.0	120.0	127.5	127.5	120.0	120.0
87.5°	67.5	60.0	67.5	67.5	75.0	75.0	67.5	60.0	67.5	60.0	52.5
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: P598858  
 CATALOG NUMBER: IFLD-S-SA6A-722-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2	5401.2
2.5°	4928.6	5063.6	5161.1	5228.6	5326.2	5513.7	5588.7	5723.7	5761.3	5783.8
5°	4238.4	4381.0	4591.0	4741.0	4913.6	5266.1	5536.2	5738.7	5828.8	5911.3
7.5°	3323.2	3510.8	3728.3	3923.4	4208.4	4643.5	4996.1	5416.2	5573.7	5656.2
10°	2595.6	2768.1	3008.2	3248.2	3645.8	4013.4	4516.0	4898.6	5116.1	5176.1
12.5°	2190.5	2393.0	2678.1	2970.6	3218.2	3638.3	4148.4	4703.5	4906.1	4943.6
15°	1860.4	2138.0	2430.5	2730.6	3015.7	3383.2	3930.9	4606.0	4906.1	4943.6
17.5°	1537.8	1785.4	2130.5	2453.0	2783.1	3285.7	3968.4	4688.5	4988.6	5101.1
20°	1222.8	1462.8	1732.9	2138.0	2588.1	3120.7	4050.9	4966.1	5363.7	5483.7
22.5°	1012.7	1117.7	1380.3	1770.4	2303.0	3008.2	4133.4	5401.2	5821.3	5866.3
25°	885.2	960.2	1125.2	1492.8	2078.0	2933.1	4328.4	5903.8	6443.9	6443.9
27.5°	825.2	855.2	967.7	1297.8	1920.4	2865.6	4523.5	6458.9	6961.5	7066.5
30°	810.2	885.2	945.2	1155.3	1747.9	2678.1	4703.5	6894.0	7411.6	7419.1
32.5°	795.2	780.2	825.2	1005.2	1537.8	2483.0	4853.6	7336.6	7741.7	7764.2
35°	622.6	652.6	727.7	885.2	1380.3	2340.5	4928.6	7576.6	8161.8	8184.3
37.5°	585.1	622.6	682.6	817.7	1275.3	2220.5	4951.1	8041.7	8604.4	8649.4
40°	570.1	600.1	645.1	757.7	1192.8	2070.5	4996.1	8521.9	9257.0	9197.0
42.5°	540.1	577.6	622.6	727.7	1125.2	1957.9	5003.6	8784.4	9602.1	9602.1
45°	532.6	555.1	607.6	727.7	1050.2	1860.4	4883.6	9047.0	9999.7	9879.6
47.5°	502.6	547.6	592.6	705.2	960.2	1762.9	4741.0	9182.0	10052.2	10014.7
50°	495.1	540.1	615.1	667.6	907.7	1717.9	4711.0	9519.6	10157.2	10149.7
52.5°	480.1	525.1	637.6	637.6	840.2	1657.9	4853.6	9669.6	10179.7	10239.7
55°	457.6	525.1	592.6	585.1	780.2	1582.8	5011.1	10059.7	10577.3	10562.3
57.5°	442.6	510.1	562.6	532.6	712.7	1530.3	5243.6	10434.8	11057.4	10952.4
60°	420.1	510.1	502.6	495.1	660.1	1485.3	5438.7	10509.8	11162.4	11229.9
62.5°	405.1	532.6	442.6	457.6	615.1	1462.8	5356.2	9947.2	11019.9	11079.9
65°	390.1	457.6	405.1	420.1	600.1	1417.8	5033.6	9272.0	10404.8	10667.3
67.5°	360.1	375.1	375.1	390.1	585.1	1312.8	4373.5	8056.8	9467.1	9609.6
70°	330.1	337.6	337.6	360.1	570.1	1192.8	3608.3	6969.0	8214.3	8484.3
72.5°	300.1	300.1	300.1	330.1	525.1	1095.2	2970.6	5356.2	6826.5	7014.0
75°	262.6	262.6	262.6	292.6	472.6	997.7	2340.5	3983.4	5026.1	5296.2
77.5°	232.6	232.6	225.0	262.6	412.6	810.2	1687.9	2813.1	3540.8	3765.8
80°	195.0	187.5	187.5	210.0	322.6	585.1	1087.7	1987.9	2468.0	2565.6
82.5°	157.5	150.0	142.5	157.5	232.6	367.6	675.1	1387.8	1582.8	1522.8
85°	150.0	157.5	127.5	120.0	165.0	240.1	427.6	855.2	712.7	712.7
87.5°	60.0	52.5	52.5	45.0	82.5	90.0	187.5	157.5	120.0	120.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)