

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: P598865

Luminaire Tested: **IFLD-M-SA4C-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: P598865  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4C-722-U-SLL  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens  
 Light Source: (64) 2200K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

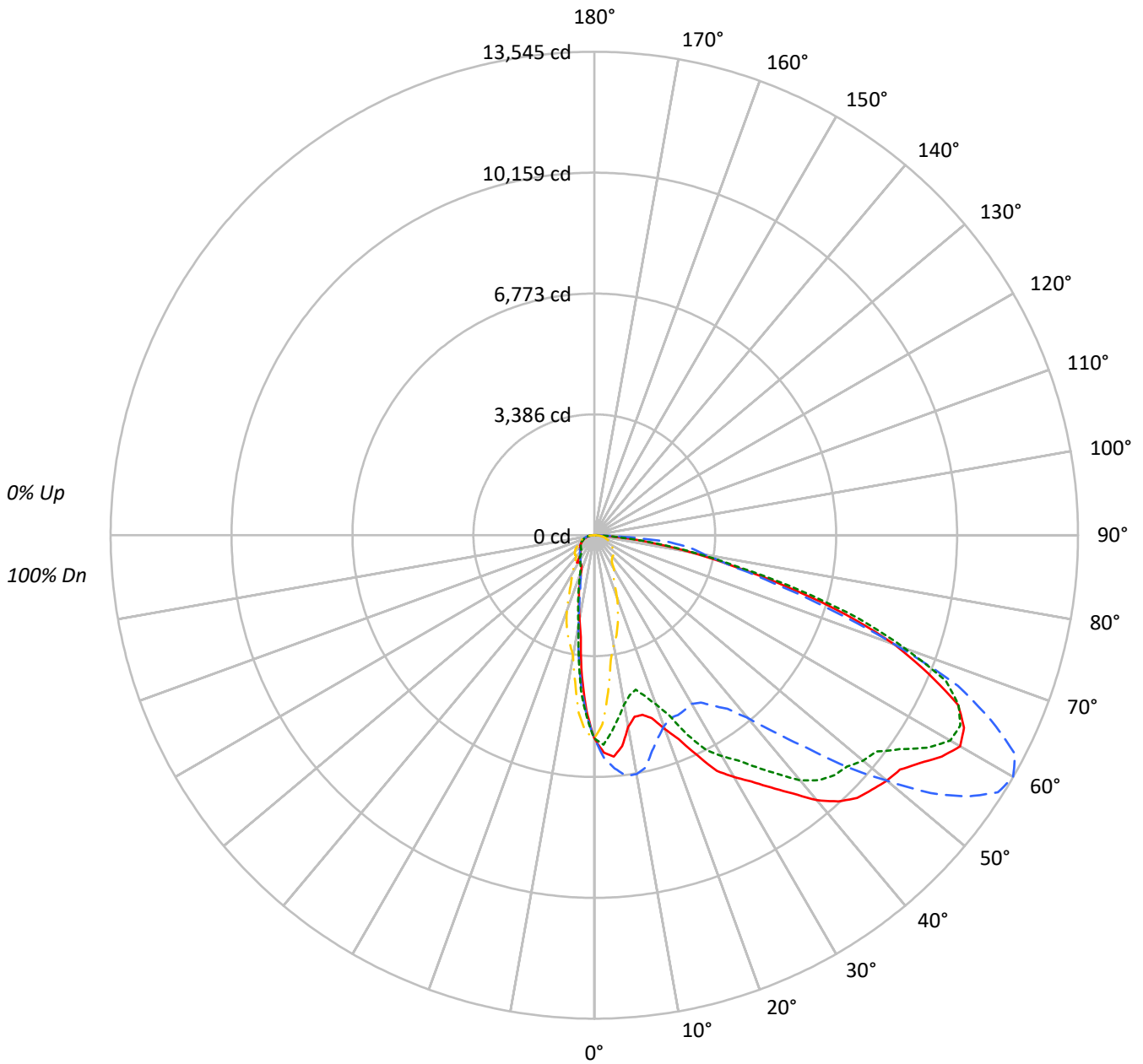
Lumens per Lamp: N/A  
 Luminaire Lumens: 17814.0 lumens  
 Efficiency: N/A  
 Efficacy: 81.7 lumens/watt  
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 218.1  
 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°	61243	61243	61243	61243
5°	67284	59769	42864	46791
10°	59597	52600	25998	27899
15°	58032	49930	18405	19109
20°	66169	57751	12039	13306
25°	80620	73205	10512	10887
30°	97138	88790	10903	10116
35°	113289	104255	9034	8515
40°	136133	125918	8439	7995
45°	158426	144712	8541	7940
50°	179043	164486	8735	8204
55°	208803	196050	9045	8601
60°	254670	247695	9016	9016
65°	286204	286607	9258	9661
70°	281280	291229	9700	9948
75°	232027	247473	10189	10846
80°	167526	175851	11269	11759
85°	92713	99543	12684	15611

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	442.0	2.5
10°-20°	933.2	5.2
20°-30°	1365.4	7.7
30°-40°	1923.8	10.8
40°-50°	2643.9	14.8
50°-60°	3603.3	20.2
60°-70°	3943.7	22.1
70°-80°	2276.8	12.8
80°-90°	681.8	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°	2740.7	15.4
0°-40°	4664.5	26.2
0°-60°	10911.7	61.3
0°-90°	17814.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17814.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5690	5690	5690	5690	5690	
5°	6227	5532	3967	4330	6227	565
15°	5208	4481	1652	1715	5208	1521
25°	6788	6164	885	917	6788	3179
35°	8622	7934	688	648	8622	5467
45°	10407	9506	561	522	10407	7999
55°	11126	10447	482	458	11126	10039
65°	11237	11253	364	379	11237	10755
75°	5579	5950	245	261	5579	5993
85°	751	806	103	126	751	1042
90°	0	0	0	0	0	

TEST NUMBER: P598865  
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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7
2.5°	6092.7	6069.0	6092.7	6179.6	6203.3	6242.9	6242.9	6187.5	6084.8	6037.4	5958.4
5°	6227.1	6187.5	6385.1	6566.9	6709.1	6693.3	6559.0	6448.3	6242.9	5934.7	5642.3
7.5°	5958.4	5997.9	6140.1	6614.3	6946.2	7009.4	6796.0	6574.8	6132.2	5705.5	5310.4
10°	5452.6	5507.9	5816.1	6306.1	6827.6	6930.4	6796.0	6527.3	5997.9	5468.4	5010.1
12.5°	5207.6	5334.1	5515.8	6108.5	6479.9	6724.9	6661.7	6487.8	5895.2	5270.9	4828.3
15°	5207.6	5239.3	5507.9	6005.8	6219.1	6227.1	6250.8	6282.4	5926.8	5357.8	4765.1
17.5°	5373.6	5460.5	5689.7	5997.9	6037.4	5942.6	5942.6	6076.9	5990.0	5602.8	4994.3
20°	5776.6	5745.0	6045.3	6171.7	5958.4	5721.3	5697.6	5926.8	6061.1	5863.5	5413.1
22.5°	6179.6	6321.9	6566.9	6282.4	5887.3	5571.2	5539.5	5824.0	6274.5	6314.0	5895.2
25°	6788.1	6930.4	7056.8	6709.1	5879.3	5531.6	5555.4	5776.6	6535.2	6954.1	6701.2
27.5°	7444.0	7530.9	7712.7	7175.3	6069.0	5484.2	5507.9	5839.8	6780.2	7372.9	7333.4
30°	7815.4	7910.3	7870.7	7262.3	6195.4	5515.8	5452.6	5926.8	6645.9	7372.9	7744.3
32.5°	8178.9	8123.6	8099.9	7404.5	6353.5	5713.4	5555.4	6108.5	6724.9	7491.4	8273.8
35°	8621.5	8542.4	8479.2	7681.1	6614.3	5903.1	5831.9	6345.6	6898.8	7736.4	8700.5
37.5°	9111.4	9111.4	8803.2	7886.5	6922.5	6211.2	6132.2	6685.4	7175.3	7886.5	9285.3
40°	9688.3	9712.0	9166.7	8163.1	7270.2	6701.2	6677.5	7127.9	7444.0	8107.8	9846.3
42.5°	10115.0	10130.8	9482.8	8265.9	7673.2	7380.8	7483.5	7839.1	7752.2	8305.4	9885.8
45°	10407.4	10328.4	9704.1	8558.2	8115.7	8400.2	8431.8	8534.5	8155.2	8423.9	10043.9
47.5°	10549.6	10533.8	9798.9	8898.0	9048.2	9435.4	9617.2	9474.9	8526.6	8297.5	10043.9
50°	10691.9	10557.5	9885.8	9364.3	9957.0	10739.3	10699.8	10439.0	9040.3	8455.5	9893.7
52.5°	10786.7	10668.2	10059.7	9783.1	10826.2	11711.3	11869.3	11387.3	9640.9	8747.9	9964.9
55°	11126.5	11031.7	10581.2	10352.1	11829.8	12738.6	12762.3	12090.6	10273.1	9229.9	10431.1
57.5°	11537.4	11592.7	11300.4	11158.1	12596.3	13489.3	13402.4	12612.2	10810.4	9814.7	10968.5
60°	11829.8	11916.7	11845.6	11861.4	12975.7	13742.2	13544.6	12936.1	11205.5	10257.3	11624.4
62.5°	11671.8	11845.6	12138.0	12074.8	12991.5	13560.4	13283.9	12509.4	11252.9	10834.1	12122.2
65°	11237.1	11252.9	11821.9	12169.6	12280.3	12620.1	12256.5	11616.5	10763.0	11189.7	12051.1
67.5°	10122.9	10249.3	10763.0	11442.6	10976.4	11055.4	11023.8	10099.2	10020.2	10944.8	11505.8
70°	8937.6	9024.5	9585.6	10383.7	9269.5	8898.0	8969.2	8281.7	8605.7	10186.1	10407.4
72.5°	7388.7	7444.0	8084.1	8787.4	7436.1	6772.3	6938.3	6377.2	6835.5	8913.9	8779.5
75°	5579.1	5681.8	6179.6	7009.4	5476.3	5049.6	5215.6	4986.4	5413.1	7341.3	6811.8
77.5°	3967.0	3888.0	4504.3	5484.2	4117.1	3864.2	3880.1	3919.6	4377.9	6187.5	4891.6
80°	2702.6	2726.3	3279.5	4022.3	3232.1	3192.5	3153.0	3469.1	3674.6	4899.5	3556.1
82.5°	1604.2	1604.2	2212.7	2860.7	2552.5	2876.5	2694.7	2979.2	2876.5	3603.5	2331.2
85°	750.7	750.7	1137.9	2062.5	1975.6	2370.7	2015.1	2252.2	2125.7	2512.9	1051.0
87.5°	126.4	110.6	229.2	1011.5	813.9	924.6	363.5	1201.2	1335.5	1754.3	260.8
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°	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7
2.5°	5871.4	5816.1	5705.5	5563.3	5444.7	5294.6	5247.2	5144.4	5002.2	4986.4	4923.2
5°	5531.6	5342.0	5104.9	4812.5	4615.0	4409.5	4235.7	4132.9	4014.4	3998.6	3967.0
7.5°	5160.2	4923.2	4528.0	4180.3	3840.5	3516.5	3358.5	3160.9	3026.6	2923.9	2876.5
10°	4812.5	4591.3	4101.3	3627.2	3326.9	3113.5	2923.9	2718.4	2552.5	2426.0	2378.6
12.5°	4583.4	4322.6	3793.1	3342.7	3121.4	2876.5	2663.1	2441.8	2228.5	2062.5	1975.6
15°	4480.6	4235.7	3698.3	3200.5	2876.5	2536.7	2291.7	2070.4	1809.6	1691.1	1651.6
17.5°	4725.6	4362.1	3666.7	3034.5	2576.2	2189.0	1888.7	1651.6	1461.9	1343.4	1296.0
20°	5041.7	4591.3	3722.0	2836.9	2291.7	1857.1	1525.2	1272.3	1145.8	1058.9	1051.0
22.5°	5444.7	4931.1	3808.9	2694.7	1975.6	1493.5	1193.3	1043.1	956.2	948.3	932.5
25°	6163.8	5547.5	3951.2	2505.0	1722.7	1232.8	1019.4	932.5	893.0	869.3	885.1
27.5°	6780.2	5950.5	4053.9	2386.5	1620.0	1161.6	987.8	893.0	853.5	845.6	853.5
30°	7143.7	6321.9	4022.3	2165.2	1414.5	1106.3	1051.0	1019.4	940.4	877.2	877.2
32.5°	7475.6	6559.0	4014.4	1967.7	1209.1	924.6	877.2	853.5	900.9	932.5	908.8
35°	7934.0	6930.4	3990.7	1857.1	1122.1	853.5	774.4	711.2	679.6	663.8	687.5
37.5°	8423.9	7183.2	3927.5	1841.2	1074.7	813.9	750.7	687.5	655.9	640.1	632.2
40°	8961.3	7451.9	3856.3	1762.2	1051.0	790.2	727.0	671.7	632.2	608.5	600.6
42.5°	9309.0	7665.3	3785.2	1722.7	1003.6	774.4	703.3	655.9	616.4	584.8	584.8
45°	9506.5	7918.2	3714.1	1683.2	948.3	782.3	703.3	640.1	592.7	576.9	561.1
47.5°	9593.5	8107.8	3690.4	1620.0	900.9	750.7	687.5	624.3	576.9	545.3	537.4
50°	9822.6	8510.8	3777.3	1572.6	845.6	719.1	727.0	616.4	569.0	529.5	521.6
52.5°	9957.0	8834.8	3967.0	1501.4	806.0	679.6	711.2	600.6	545.3	505.8	505.8
55°	10446.9	9372.2	4172.4	1446.1	758.6	624.3	655.9	569.0	505.8	482.0	482.0
57.5°	11071.2	9941.2	4346.3	1422.4	727.0	584.8	584.8	553.2	482.0	450.4	442.5
60°	11505.8	10407.4	4449.0	1406.6	695.4	545.3	521.6	553.2	458.3	426.7	418.8
62.5°	11553.2	10138.7	4346.3	1398.7	687.5	505.8	474.1	529.5	434.6	403.0	387.2
65°	11252.9	9593.5	4061.8	1367.1	679.6	466.2	442.5	458.3	403.0	379.3	363.5
67.5°	10652.4	8708.4	3650.9	1351.3	671.7	434.6	403.0	395.1	371.4	347.7	331.9
70°	9253.7	7554.6	3168.8	1280.2	655.9	410.9	363.5	355.6	331.9	316.1	308.2
72.5°	7768.0	6179.6	2615.7	1185.4	624.3	371.4	331.9	316.1	308.2	284.5	276.6
75°	5950.5	4757.2	2094.1	1051.0	545.3	331.9	292.4	276.6	268.7	252.9	245.0
77.5°	4180.3	3540.3	1548.9	853.5	458.3	300.3	260.8	245.0	237.1	213.4	213.4
80°	2836.9	2481.3	1051.0	592.7	355.6	245.0	229.2	213.4	197.6	181.8	181.8
82.5°	1762.2	1738.5	758.6	387.2	260.8	197.6	181.8	181.8	158.0	142.2	142.2
85°	806.0	1066.8	529.5	268.7	197.6	150.1	150.1	142.2	126.4	102.7	102.7
87.5°	252.9	355.6	276.6	118.5	110.6	86.9	86.9	79.0	79.0	63.2	63.2
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7
2.5°	4986.4	4978.5	4978.5	4946.9	5025.9	5025.9	5073.3	5033.8	5057.5	5065.4	5128.6
5°	3959.1	4022.3	4069.7	4164.5	4219.9	4243.6	4243.6	4306.8	4283.1	4330.5	4425.3
7.5°	2900.2	2979.2	3121.4	3240.0	3334.8	3366.4	3358.5	3374.3	3398.0	3342.7	3358.5
10°	2347.0	2291.7	2339.1	2449.7	2536.7	2639.4	2560.4	2552.5	2576.2	2552.5	2599.9
12.5°	1959.8	1896.6	1857.1	1857.1	1920.3	1967.7	1944.0	1983.5	2070.4	2094.1	2149.4
15°	1588.4	1533.1	1501.4	1461.9	1525.2	1541.0	1564.7	1620.0	1683.2	1714.8	1778.0
17.5°	1272.3	1272.3	1272.3	1240.7	1264.4	1288.1	1296.0	1367.1	1375.0	1406.6	1430.3
20°	1043.1	1066.8	1106.3	1122.1	1145.8	1145.8	1130.0	1169.5	1137.9	1161.6	1177.5
22.5°	940.4	972.0	987.8	995.7	1027.3	1035.2	995.7	1003.6	1011.5	987.8	995.7
25°	885.1	900.9	885.1	893.0	900.9	885.1	893.0	908.8	900.9	916.7	908.8
27.5°	861.4	845.6	837.6	829.7	829.7	813.9	821.8	821.8	837.6	845.6	845.6
30°	861.4	837.6	806.0	782.3	782.3	758.6	774.4	790.2	798.1	813.9	813.9
32.5°	885.1	837.6	782.3	758.6	734.9	719.1	734.9	758.6	790.2	798.1	806.0
35°	703.3	727.0	719.1	687.5	679.6	679.6	671.7	671.7	648.0	648.0	640.1
37.5°	632.2	624.3	640.1	648.0	655.9	632.2	632.2	600.6	592.7	600.6	600.6
40°	592.7	592.7	592.7	616.4	624.3	608.5	584.8	569.0	569.0	569.0	576.9
42.5°	576.9	561.1	553.2	569.0	592.7	576.9	553.2	545.3	545.3	553.2	553.2
45°	553.2	545.3	537.4	529.5	561.1	537.4	529.5	521.6	521.6	521.6	529.5
47.5°	529.5	521.6	505.8	505.8	513.7	505.8	497.8	497.8	497.8	513.7	513.7
50°	513.7	505.8	489.9	489.9	489.9	489.9	482.0	482.0	482.0	489.9	497.8
52.5°	489.9	482.0	474.1	466.2	466.2	466.2	466.2	466.2	466.2	474.1	482.0
55°	466.2	458.3	450.4	450.4	458.3	458.3	450.4	458.3	450.4	458.3	466.2
57.5°	442.5	434.6	426.7	434.6	442.5	434.6	434.6	434.6	434.6	434.6	442.5
60°	410.9	410.9	410.9	410.9	426.7	426.7	426.7	426.7	410.9	418.8	426.7
62.5°	395.1	387.2	387.2	395.1	403.0	403.0	410.9	403.0	395.1	403.0	403.0
65°	363.5	363.5	363.5	371.4	371.4	379.3	379.3	379.3	371.4	379.3	379.3
67.5°	339.8	339.8	339.8	339.8	355.6	355.6	355.6	355.6	347.7	347.7	355.6
70°	300.3	308.2	300.3	316.1	331.9	324.0	331.9	331.9	324.0	316.1	331.9
72.5°	276.6	276.6	276.6	276.6	300.3	300.3	300.3	308.2	300.3	292.4	300.3
75°	245.0	245.0	245.0	252.9	268.7	268.7	268.7	268.7	268.7	260.8	260.8
77.5°	213.4	221.3	213.4	221.3	237.1	229.2	237.1	245.0	237.1	229.2	229.2
80°	181.8	181.8	181.8	189.7	197.6	197.6	197.6	205.5	197.6	189.7	189.7
82.5°	142.2	142.2	150.1	150.1	158.0	158.0	158.0	165.9	158.0	150.1	150.1
85°	110.6	110.6	110.6	118.5	118.5	126.4	126.4	134.3	134.3	126.4	126.4
87.5°	71.1	63.2	71.1	71.1	79.0	79.0	71.1	63.2	71.1	63.2	55.3
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: P598865  
 CATALOG NUMBER: IFLD-M-SA4C-722-U-SLL

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7	5689.7
2.5°	5191.8	5334.1	5436.8	5507.9	5610.7	5808.2	5887.3	6029.5	6069.0	6092.7
5°	4464.8	4615.0	4836.2	4994.3	5176.0	5547.5	5831.9	6045.3	6140.1	6227.1
7.5°	3500.7	3698.3	3927.5	4132.9	4433.2	4891.6	5263.0	5705.5	5871.4	5958.4
10°	2734.2	2916.0	3168.8	3421.7	3840.5	4227.8	4757.2	5160.2	5389.4	5452.6
12.5°	2307.5	2520.8	2821.1	3129.3	3390.1	3832.6	4370.0	4954.8	5168.1	5207.6
15°	1959.8	2252.2	2560.4	2876.5	3176.7	3564.0	4140.8	4852.0	5168.1	5207.6
17.5°	1620.0	1880.8	2244.3	2584.1	2931.8	3461.2	4180.3	4939.0	5255.1	5373.6
20°	1288.1	1541.0	1825.4	2252.2	2726.3	3287.4	4267.3	5231.4	5650.2	5776.6
22.5°	1066.8	1177.5	1454.0	1865.0	2426.0	3168.8	4354.2	5689.7	6132.2	6179.6
25°	932.5	1011.5	1185.4	1572.6	2189.0	3089.8	4559.7	6219.1	6788.1	6788.1
27.5°	869.3	900.9	1019.4	1367.1	2023.0	3018.7	4765.1	6803.9	7333.4	7444.0
30°	853.5	932.5	995.7	1217.0	1841.2	2821.1	4954.8	7262.3	7807.5	7815.4
32.5°	837.6	821.8	869.3	1058.9	1620.0	2615.7	5112.8	7728.5	8155.2	8178.9
35°	655.9	687.5	766.5	932.5	1454.0	2465.5	5191.8	7981.4	8597.8	8621.5
37.5°	616.4	655.9	719.1	861.4	1343.4	2339.1	5215.6	8471.3	9064.0	9111.4
40°	600.6	632.2	679.6	798.1	1256.5	2181.0	5263.0	8977.1	9751.5	9688.3
42.5°	569.0	608.5	655.9	766.5	1185.4	2062.5	5270.9	9253.7	10115.0	10115.0
45°	561.1	584.8	640.1	766.5	1106.3	1959.8	5144.4	9530.2	10533.8	10407.4
47.5°	529.5	576.9	624.3	742.8	1011.5	1857.1	4994.3	9672.5	10589.1	10549.6
50°	521.6	569.0	648.0	703.3	956.2	1809.6	4962.7	10028.1	10699.8	10691.9
52.5°	505.8	553.2	671.7	671.7	885.1	1746.4	5112.8	10186.1	10723.5	10786.7
55°	482.0	553.2	624.3	616.4	821.8	1667.4	5278.8	10597.1	11142.3	11126.5
57.5°	466.2	537.4	592.7	561.1	750.7	1612.1	5523.7	10992.2	11648.1	11537.4
60°	442.5	537.4	529.5	521.6	695.4	1564.7	5729.2	11071.2	11758.7	11829.8
62.5°	426.7	561.1	466.2	482.0	648.0	1541.0	5642.3	10478.5	11608.6	11671.8
65°	410.9	482.0	426.7	442.5	632.2	1493.5	5302.5	9767.3	10960.6	11237.1
67.5°	379.3	395.1	395.1	410.9	616.4	1382.9	4607.1	8487.1	9972.8	10122.9
70°	347.7	355.6	355.6	379.3	600.6	1256.5	3801.0	7341.3	8653.1	8937.6
72.5°	316.1	316.1	316.1	347.7	553.2	1153.7	3129.3	5642.3	7191.1	7388.7
75°	276.6	276.6	276.6	308.2	497.8	1051.0	2465.5	4196.1	5294.6	5579.1
77.5°	245.0	245.0	237.1	276.6	434.6	853.5	1778.0	2963.4	3729.9	3967.0
80°	205.5	197.6	197.6	221.3	339.8	616.4	1145.8	2094.1	2599.9	2702.6
82.5°	165.9	158.0	150.1	165.9	245.0	387.2	711.2	1461.9	1667.4	1604.2
85°	158.0	165.9	134.3	126.4	173.9	252.9	450.4	900.9	750.7	750.7
87.5°	63.2	55.3	55.3	47.4	86.9	94.8	197.6	165.9	126.4	126.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)