

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: P598869

Luminaire Tested: **IFLD-L-SA7B-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: P598869
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7B-722-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (112) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

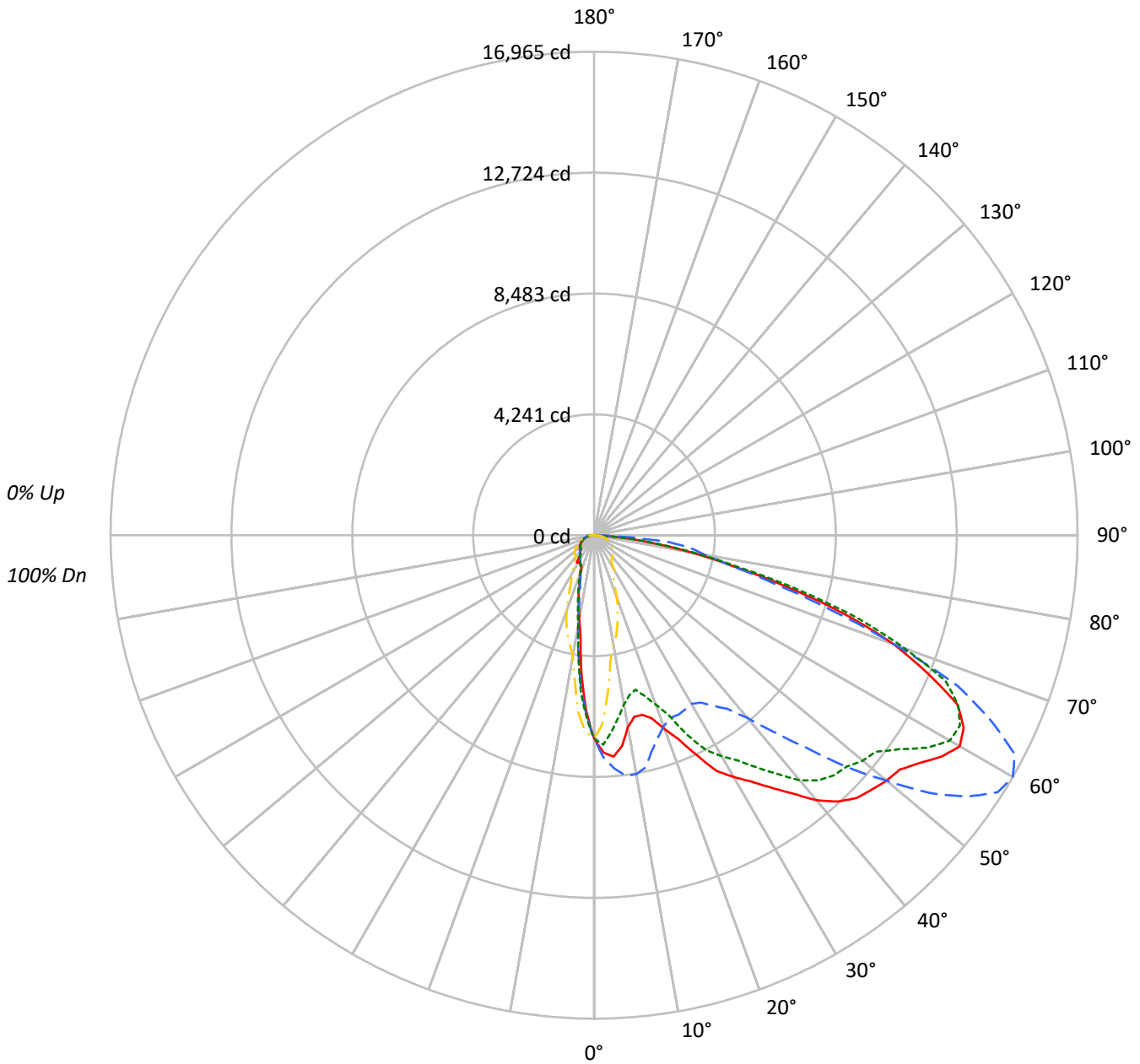
Lumens per Lamp: N/A
 Luminaire Lumens: 22312.9 lumens
 Efficiency: N/A
 Efficacy: 79.4 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 281
 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°	38355	38355	38355	38355
5°	42138	37432	26844	29304
10°	37324	32942	16282	17472
15°	36344	31270	11526	11968
20°	41440	36168	7539	8333
25°	50491	45847	6583	6818
30°	60835	55607	6828	6336
35°	70950	65292	5658	5332
40°	85256	78859	5285	5007
45°	99219	90630	5349	4972
50°	112130	103014	5470	5138
55°	130768	122781	5666	5387
60°	159493	155125	5647	5647
65°	179244	179496	5798	6050
70°	176157	182389	6074	6230
75°	145310	154986	6380	6791
80°	104916	110132	7057	7364
85°	58065	62344	7947	9781

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	553.7	2.5
10°-20°	1168.9	5.2
20°-30°	1710.3	7.7
30°-40°	2409.7	10.8
40°-50°	3311.6	14.8
50°-60°	4513.3	20.2
60°-70°	4939.6	22.1
70°-80°	2851.8	12.8
80°-90°	854.0	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°	3432.8	15.4
0°-40°	5842.5	26.2
0°-60°	13667.4	61.3
0°-90°	22312.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22312.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	7127	7127	7127	7127	7127	
5°	7800	6929	4969	5424	7800	708
15°	6523	5612	2069	2148	6523	1906
25°	8502	7720	1109	1148	8502	3981
35°	10799	9938	861	812	10799	6847
45°	13036	11907	703	653	13036	10019
55°	13936	13085	604	574	13936	12575
65°	14075	14095	455	475	14075	13471
75°	6988	7453	307	327	6988	7507
85°	940	1010	129	158	940	1305
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°	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6
2.5°	7631.4	7601.7	7631.4	7740.3	7770.0	7819.5	7819.5	7750.2	7621.5	7562.1	7463.2
5°	7799.7	7750.2	7997.7	8225.3	8403.5	8383.7	8215.4	8076.8	7819.5	7433.5	7067.2
7.5°	7463.2	7512.6	7690.8	8284.7	8700.4	8779.6	8512.4	8235.2	7680.9	7146.4	6651.5
10°	6829.7	6899.0	7285.0	7898.7	8551.9	8680.6	8512.4	8175.8	7512.6	6849.5	6275.4
12.5°	6522.8	6681.2	6908.9	7651.2	8116.4	8423.3	8344.1	8126.3	7384.0	6602.0	6047.7
15°	6522.8	6562.4	6899.0	7522.5	7789.8	7799.7	7829.4	7869.0	7423.6	6710.9	5968.5
17.5°	6730.7	6839.6	7126.6	7512.6	7562.1	7443.4	7443.4	7611.6	7502.7	7017.7	6255.6
20°	7235.5	7195.9	7572.0	7730.4	7463.2	7166.2	7136.5	7423.6	7591.8	7344.4	6780.2
22.5°	7740.3	7918.5	8225.3	7869.0	7374.1	6978.1	6938.6	7294.9	7859.1	7908.6	7384.0
25°	8502.5	8680.6	8839.0	8403.5	7364.2	6928.7	6958.4	7235.5	8185.7	8710.3	8393.6
27.5°	9324.0	9432.9	9660.5	8987.5	7601.7	6869.3	6899.0	7314.7	8492.6	9234.9	9185.4
30°	9789.2	9908.0	9858.5	9096.3	7760.1	6908.9	6829.7	7423.6	8324.3	9234.9	9700.1
32.5°	10244.5	10175.2	10145.5	9274.5	7958.1	7156.3	6958.4	7651.2	8423.3	9383.4	10363.3
35°	10798.8	10699.8	10620.6	9620.9	8284.7	7393.9	7304.8	7948.2	8641.0	9690.2	10897.8
37.5°	11412.5	11412.5	11026.5	9878.3	8670.7	7779.9	7680.9	8373.8	8987.5	9878.3	11630.2
40°	12135.0	12164.7	11481.8	10224.7	9106.2	8393.6	8363.9	8928.1	9324.0	10155.4	12333.0
42.5°	12669.5	12689.3	11877.7	10353.4	9611.0	9244.8	9373.5	9818.9	9710.0	10402.9	12382.5
45°	13035.8	12936.8	12154.8	10719.6	10165.3	10521.7	10561.3	10689.9	10214.8	10551.4	12580.5
47.5°	13213.9	13194.1	12273.6	11145.2	11333.3	11818.3	12046.0	11867.8	10680.0	10393.0	12580.5
50°	13392.1	13223.8	12382.5	11729.2	12471.6	13451.5	13402.0	13075.4	11323.4	10590.9	12392.4
52.5°	13510.9	13362.4	12600.3	12253.8	13560.4	14669.0	14866.9	14263.1	12075.7	10957.2	12481.5
55°	13936.5	13817.7	13253.5	12966.5	14817.4	15955.7	15985.4	15144.1	12867.5	11561.0	13065.5
57.5°	14451.2	14520.5	14154.3	13976.1	15777.5	16896.0	16787.1	15797.3	13540.6	12293.4	13738.5
60°	14817.4	14926.3	14837.2	14857.0	16252.7	17212.8	16965.3	16203.2	14035.5	12847.7	14560.1
62.5°	14619.5	14837.2	15203.5	15124.3	16272.4	16985.1	16638.7	15668.7	14094.9	13570.3	15183.7
65°	14075.1	14094.9	14807.5	15243.0	15381.6	15807.2	15351.9	14550.2	13481.2	14015.7	15094.6
67.5°	12679.4	12837.8	13481.2	14332.4	13748.4	13847.4	13807.8	12649.7	12550.8	13708.8	14411.6
70°	11194.7	11303.6	12006.4	13006.1	11610.5	11145.2	11234.3	10373.2	10779.0	12758.6	13035.8
72.5°	9254.7	9324.0	10125.7	11006.7	9314.1	8482.7	8690.5	7987.8	8561.8	11165.0	10996.8
75°	6988.0	7116.7	7740.3	8779.6	6859.4	6324.9	6532.7	6245.7	6780.2	9195.3	8532.1
77.5°	4968.8	4869.9	5641.9	6869.3	5156.9	4840.2	4860.0	4909.4	5483.5	7750.2	6126.9
80°	3385.1	3414.8	4107.7	5038.1	4048.3	3998.8	3949.3	4345.3	4602.6	6136.8	4454.1
82.5°	2009.3	2009.3	2771.5	3583.1	3197.1	3602.9	3375.2	3731.6	3602.9	4513.5	2919.9
85°	940.3	940.3	1425.3	2583.4	2474.5	2969.4	2524.0	2821.0	2662.6	3147.6	1316.4
87.5°	158.4	138.6	287.0	1267.0	1019.5	1158.1	455.3	1504.5	1672.8	2197.4	326.6
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°	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6
2.5°	7354.3	7285.0	7146.4	6968.3	6819.8	6631.7	6572.3	6443.7	6265.5	6245.7	6166.5
5°	6928.7	6691.1	6394.2	6027.9	5780.5	5523.1	5305.4	5176.7	5028.2	5008.4	4968.8
7.5°	6463.4	6166.5	5671.6	5236.1	4810.5	4404.6	4206.7	3959.2	3791.0	3662.3	3602.9
10°	6027.9	5750.8	5137.1	4543.2	4167.1	3899.8	3662.3	3404.9	3197.1	3038.7	2979.3
12.5°	5740.9	5414.3	4751.1	4186.9	3909.7	3602.9	3335.7	3058.5	2791.3	2583.4	2474.5
15°	5612.2	5305.4	4632.3	4008.7	3602.9	3177.3	2870.4	2593.3	2266.7	2118.2	2068.7
17.5°	5919.1	5463.7	4592.7	3800.9	3226.8	2741.8	2365.6	2068.7	1831.1	1682.7	1623.3
20°	6315.0	5750.8	4662.0	3553.4	2870.4	2326.0	1910.3	1593.6	1435.2	1326.3	1316.4
22.5°	6819.8	6176.4	4770.9	3375.2	2474.5	1870.7	1494.6	1306.5	1197.7	1187.8	1168.0
25°	7720.5	6948.5	4949.0	3137.7	2157.8	1544.1	1276.9	1168.0	1118.5	1088.8	1108.6
27.5°	8492.6	7453.3	5077.7	2989.2	2029.1	1455.0	1237.3	1118.5	1069.0	1059.1	1069.0
30°	8947.9	7918.5	5038.1	2712.1	1771.8	1385.7	1316.4	1276.9	1177.9	1098.7	1098.7
32.5°	9363.6	8215.4	5028.2	2464.6	1514.4	1158.1	1098.7	1069.0	1128.4	1168.0	1138.3
35°	9937.7	8680.6	4998.5	2326.0	1405.5	1069.0	970.0	890.8	851.2	831.4	861.1
37.5°	10551.4	8997.4	4919.3	2306.3	1346.1	1019.5	940.3	861.1	821.5	801.7	791.8
40°	11224.4	9333.9	4830.3	2207.3	1316.4	989.8	910.6	841.3	791.8	762.2	752.3
42.5°	11659.9	9601.1	4741.2	2157.8	1257.1	970.0	880.9	821.5	772.1	732.5	732.5
45°	11907.4	9917.9	4652.1	2108.3	1187.8	979.9	880.9	801.7	742.4	722.6	702.8
47.5°	12016.3	10155.4	4622.4	2029.1	1128.4	940.3	861.1	781.9	722.6	683.0	673.1
50°	12303.3	10660.2	4731.3	1969.7	1059.1	900.7	910.6	772.1	712.7	663.2	653.3
52.5°	12471.6	11066.1	4968.8	1880.6	1009.6	851.2	890.8	752.3	683.0	633.5	633.5
55°	13085.3	11739.1	5226.2	1811.3	950.2	781.9	821.5	712.7	633.5	603.8	603.8
57.5°	13867.2	12451.8	5443.9	1781.7	910.6	732.5	732.5	692.9	603.8	564.2	554.3
60°	14411.6	13035.8	5572.6	1761.9	871.0	683.0	653.3	692.9	574.1	534.5	524.6
62.5°	14471.0	12699.2	5443.9	1752.0	861.1	633.5	593.9	663.2	544.4	504.8	485.0
65°	14094.9	12016.3	5087.6	1712.4	851.2	584.0	554.3	574.1	504.8	475.1	455.3
67.5°	13342.6	10907.7	4572.9	1692.6	841.3	544.4	504.8	494.9	465.2	435.5	415.7
70°	11590.7	9462.6	3969.1	1603.5	821.5	514.7	455.3	445.4	415.7	395.9	386.0
72.5°	9729.8	7740.3	3276.3	1484.7	781.9	465.2	415.7	395.9	386.0	356.3	346.4
75°	7453.3	5958.6	2623.0	1316.4	683.0	415.7	366.2	346.4	336.5	316.7	306.8
77.5°	5236.1	4434.3	1940.0	1069.0	574.1	376.1	326.6	306.8	296.9	267.2	267.2
80°	3553.4	3108.0	1316.4	742.4	445.4	306.8	287.0	267.2	247.5	227.7	227.7
82.5°	2207.3	2177.6	950.2	485.0	326.6	247.5	227.7	227.7	198.0	178.2	178.2
85°	1009.6	1336.2	663.2	336.5	247.5	188.1	188.1	178.2	158.4	128.7	128.7
87.5°	316.7	445.4	346.4	148.5	138.6	108.9	108.9	99.0	99.0	79.2	79.2
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°	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6
2.5°	6245.7	6235.8	6235.8	6196.2	6295.2	6295.2	6354.6	6305.1	6334.8	6344.7	6423.9
5°	4958.9	5038.1	5097.5	5216.3	5285.6	5315.3	5315.3	5394.5	5364.8	5424.1	5542.9
7.5°	3632.6	3731.6	3909.7	4058.2	4177.0	4216.6	4206.7	4226.5	4256.2	4186.9	4206.7
10°	2939.7	2870.4	2929.8	3068.4	3177.3	3306.0	3207.0	3197.1	3226.8	3197.1	3256.5
12.5°	2454.7	2375.5	2326.0	2326.0	2405.2	2464.6	2434.9	2484.4	2593.3	2623.0	2692.3
15°	1989.5	1920.2	1880.6	1831.1	1910.3	1930.1	1959.8	2029.1	2108.3	2147.9	2227.1
17.5°	1593.6	1593.6	1593.6	1554.0	1583.7	1613.4	1623.3	1712.4	1722.3	1761.9	1791.6
20°	1306.5	1336.2	1385.7	1405.5	1435.2	1435.2	1415.4	1464.9	1425.3	1455.0	1474.8
22.5°	1177.9	1217.5	1237.3	1247.2	1286.8	1296.6	1247.2	1257.1	1267.0	1237.3	1247.2
25°	1108.6	1128.4	1108.6	1118.5	1128.4	1108.6	1118.5	1138.3	1128.4	1148.2	1138.3
27.5°	1078.9	1059.1	1049.2	1039.3	1039.3	1019.5	1029.4	1029.4	1049.2	1059.1	1059.1
30°	1078.9	1049.2	1009.6	979.9	979.9	950.2	970.0	989.8	999.7	1019.5	1019.5
32.5°	1108.6	1049.2	979.9	950.2	920.5	900.7	920.5	950.2	989.8	999.7	1009.6
35°	880.9	910.6	900.7	861.1	851.2	851.2	841.3	841.3	811.6	811.6	801.7
37.5°	791.8	781.9	801.7	811.6	821.5	791.8	791.8	752.3	742.4	752.3	752.3
40°	742.4	742.4	742.4	772.1	781.9	762.2	732.5	712.7	712.7	712.7	722.6
42.5°	722.6	702.8	692.9	712.7	742.4	722.6	692.9	683.0	683.0	692.9	692.9
45°	692.9	683.0	673.1	663.2	702.8	673.1	663.2	653.3	653.3	653.3	663.2
47.5°	663.2	653.3	633.5	633.5	643.4	633.5	623.6	623.6	623.6	643.4	643.4
50°	643.4	633.5	613.7	613.7	613.7	613.7	603.8	603.8	603.8	613.7	623.6
52.5°	613.7	603.8	593.9	584.0	584.0	584.0	584.0	584.0	584.0	593.9	603.8
55°	584.0	574.1	564.2	564.2	574.1	574.1	564.2	574.1	564.2	574.1	584.0
57.5°	554.3	544.4	534.5	544.4	554.3	544.4	544.4	544.4	544.4	544.4	554.3
60°	514.7	514.7	514.7	514.7	534.5	534.5	534.5	534.5	514.7	524.6	534.5
62.5°	494.9	485.0	485.0	494.9	504.8	504.8	514.7	504.8	494.9	504.8	504.8
65°	455.3	455.3	455.3	465.2	465.2	475.1	475.1	475.1	465.2	475.1	475.1
67.5°	425.6	425.6	425.6	425.6	445.4	445.4	445.4	445.4	435.5	435.5	445.4
70°	376.1	386.0	376.1	395.9	415.7	405.8	415.7	415.7	405.8	395.9	415.7
72.5°	346.4	346.4	346.4	346.4	376.1	376.1	376.1	386.0	376.1	366.2	376.1
75°	306.8	306.8	306.8	316.7	336.5	336.5	336.5	336.5	336.5	326.6	326.6
77.5°	267.2	277.1	267.2	277.1	296.9	287.0	296.9	306.8	296.9	287.0	287.0
80°	227.7	227.7	227.7	237.6	247.5	247.5	247.5	257.4	247.5	237.6	237.6
82.5°	178.2	178.2	188.1	188.1	198.0	198.0	198.0	207.9	198.0	188.1	188.1
85°	138.6	138.6	138.6	148.5	148.5	158.4	158.4	168.3	168.3	158.4	158.4
87.5°	89.1	79.2	89.1	89.1	99.0	99.0	89.1	79.2	89.1	79.2	69.3
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: P598869
 CATALOG NUMBER: IFLD-L-SA7B-722-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6	7126.6
2.5°	6503.0	6681.2	6809.9	6899.0	7027.6	7275.1	7374.1	7552.2	7601.7	7631.4
5°	5592.4	5780.5	6057.6	6255.6	6483.2	6948.5	7304.8	7572.0	7690.8	7799.7
7.5°	4384.9	4632.3	4919.3	5176.7	5552.8	6126.9	6592.1	7146.4	7354.3	7463.2
10°	3424.7	3652.4	3969.1	4285.9	4810.5	5295.5	5958.6	6463.4	6750.5	6829.7
12.5°	2890.2	3157.5	3533.6	3919.6	4246.3	4800.6	5473.6	6206.1	6473.3	6522.8
15°	2454.7	2821.0	3207.0	3602.9	3979.0	4464.0	5186.6	6077.4	6473.3	6522.8
17.5°	2029.1	2355.7	2811.1	3236.7	3672.2	4335.4	5236.1	6186.3	6582.2	6730.7
20°	1613.4	1930.1	2286.5	2821.0	3414.8	4117.6	5345.0	6552.5	7077.1	7235.5
22.5°	1336.2	1474.8	1821.2	2335.9	3038.7	3969.1	5453.8	7126.6	7680.9	7740.3
25°	1168.0	1267.0	1484.7	1969.7	2741.8	3870.2	5711.2	7789.8	8502.5	8502.5
27.5°	1088.8	1128.4	1276.9	1712.4	2533.9	3781.1	5968.5	8522.2	9185.4	9324.0
30°	1069.0	1168.0	1247.2	1524.3	2306.3	3533.6	6206.1	9096.3	9779.3	9789.2
32.5°	1049.2	1029.4	1088.8	1326.3	2029.1	3276.3	6404.1	9680.3	10214.8	10244.5
35°	821.5	861.1	960.1	1168.0	1821.2	3088.2	6503.0	9997.1	10769.1	10798.8
37.5°	772.1	821.5	900.7	1078.9	1682.7	2929.8	6532.7	10610.7	11353.1	11412.5
40°	752.3	791.8	851.2	999.7	1573.8	2731.9	6592.1	11244.2	12214.2	12135.0
42.5°	712.7	762.2	821.5	960.1	1484.7	2583.4	6602.0	11590.7	12669.5	12669.5
45°	702.8	732.5	801.7	960.1	1385.7	2454.7	6443.7	11937.1	13194.1	13035.8
47.5°	663.2	722.6	781.9	930.4	1267.0	2326.0	6255.6	12115.3	13263.4	13213.9
50°	653.3	712.7	811.6	880.9	1197.7	2266.7	6216.0	12560.7	13402.0	13392.1
52.5°	633.5	692.9	841.3	841.3	1108.6	2187.5	6404.1	12758.6	13431.7	13510.9
55°	603.8	692.9	781.9	772.1	1029.4	2088.5	6611.9	13273.3	13956.3	13936.5
57.5°	584.0	673.1	742.4	702.8	940.3	2019.2	6918.8	13768.2	14589.8	14451.2
60°	554.3	673.1	663.2	653.3	871.0	1959.8	7176.1	13867.2	14728.3	14817.4
62.5°	534.5	702.8	584.0	603.8	811.6	1930.1	7067.2	13124.9	14540.3	14619.5
65°	514.7	603.8	534.5	554.3	791.8	1870.7	6641.6	12234.0	13728.6	14075.1
67.5°	475.1	494.9	494.9	514.7	772.1	1732.2	5770.6	10630.5	12491.4	12679.4
70°	435.5	445.4	445.4	475.1	752.3	1573.8	4761.0	9195.3	10838.4	11194.7
72.5°	395.9	395.9	395.9	435.5	692.9	1445.1	3919.6	7067.2	9007.3	9254.7
75°	346.4	346.4	346.4	386.0	623.6	1316.4	3088.2	5255.9	6631.7	6988.0
77.5°	306.8	306.8	296.9	346.4	544.4	1069.0	2227.1	3711.8	4671.9	4968.8
80°	257.4	247.5	247.5	277.1	425.6	772.1	1435.2	2623.0	3256.5	3385.1
82.5°	207.9	198.0	188.1	207.9	306.8	485.0	890.8	1831.1	2088.5	2009.3
85°	198.0	207.9	168.3	158.4	217.8	316.7	564.2	1128.4	940.3	940.3
87.5°	79.2	69.3	69.3	59.4	108.9	118.8	247.5	207.9	158.4	158.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)