

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: P598724

Luminaire Tested: **IFLD-L-SA7B-740-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598724  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7B-740-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (112) 4000K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

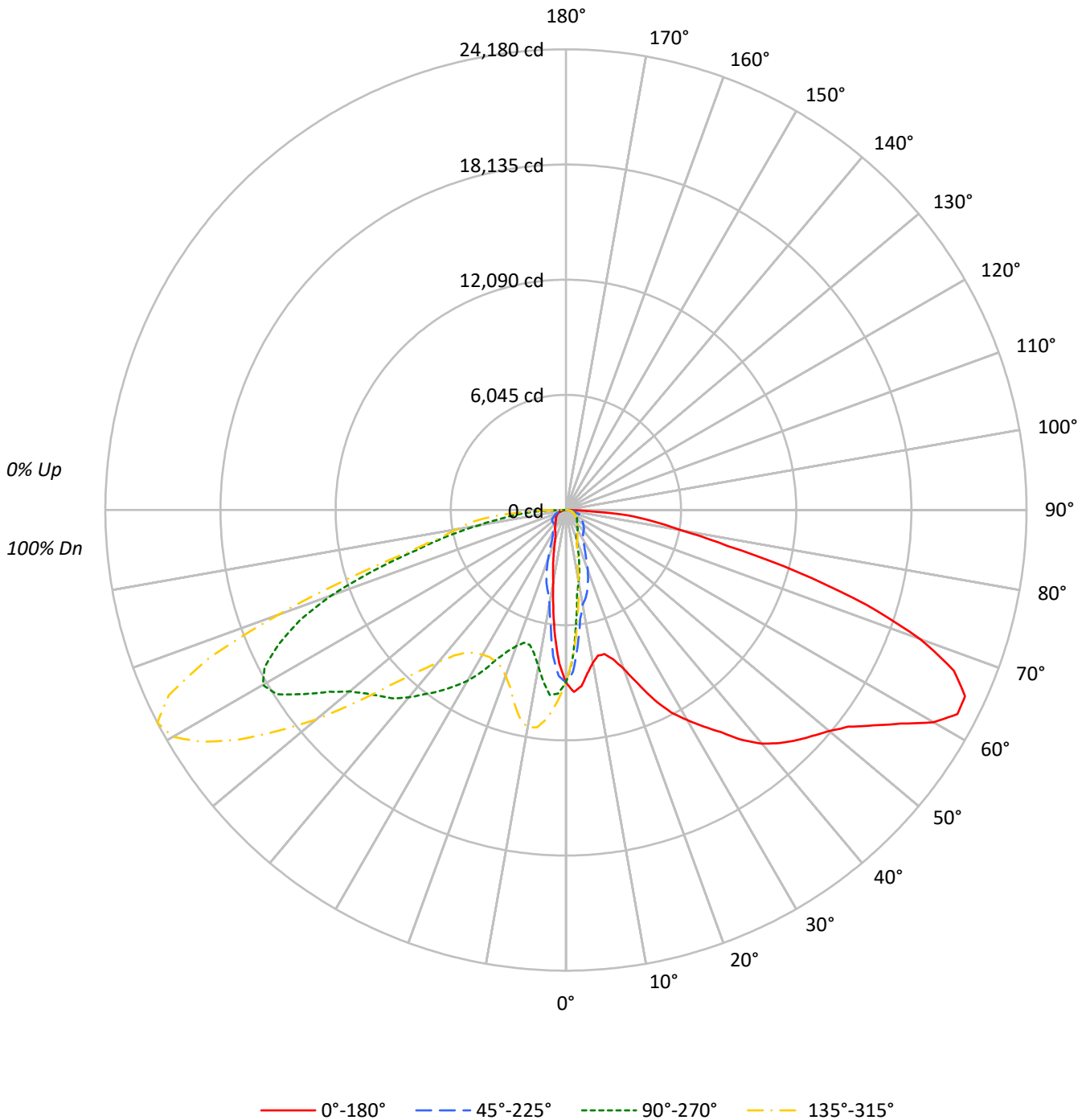
Lumens per Lamp: N/A  
 Luminaire Lumens: 30290.9 lumens  
 Efficiency: N/A  
 Efficacy: 107.8 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

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



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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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

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

	0°	90°	180°	270°
0°	48698	48698	48698	48698
5°	50116	32590	35602	52650
10°	44463	20708	20916	45502
15°	43637	14687	13911	40813
20°	50735	9290	9363	43477
25°	65247	7977	7751	51400
30°	79071	7561	7088	64344
35°	93587	6661	6411	76269
40°	112451	6322	5876	90104
45°	130119	6269	5691	105041
50°	151098	6367	5730	124040
55°	184907	6540	5827	158034
60°	239808	6548	6139	197658
65°	294369	6617	6294	211577
70°	311490	6980	6581	205999
75°	262206	7378	6588	168128
80°	190495	8641	6676	145328
85°	201901	12523	5477	151037

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	700.3	2.3
10°-20°	1465.6	4.8
20°-30°	2112.0	7.0
30°-40°	3040.5	10.0
40°-50°	4318.8	14.3
50°-60°	6209.2	20.5
60°-70°	7173.7	23.7
70°-80°	4061.9	13.4
80°-90°	1208.8	4.0
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°	4277.9	14.1
0°-40°	7318.4	24.2
0°-60°	17846.4	58.9
0°-90°	30290.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30290.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	9048	9048	9048	9048	9048	
5°	9276	6032	6590	9745	9276	842
15°	7832	2636	2497	7325	7832	2303
25°	10987	1343	1305	8656	10987	5100
35°	14244	1014	976	11608	14244	9040
45°	17096	824	748	13801	17096	13237
55°	19706	697	621	16842	19706	17847
65°	23115	520	494	16614	23115	22166
75°	12610	355	317	8085	12610	13379
85°	3270	203	89	2446	3270	3256
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°	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4
2.5°	9555.4	9542.7	9466.6	9225.9	8972.4	8731.6	8503.5	8262.7	8136.0	7983.9	7920.6
5°	9276.5	9251.2	9035.8	8503.5	8034.6	7527.7	7096.8	6754.6	6475.8	6197.0	6095.7
7.5°	8642.9	8604.9	8351.4	7616.4	6932.1	6273.1	5753.5	5309.9	4942.4	4777.7	4587.6
10°	8136.0	8072.6	7743.1	6932.1	6045.0	5386.0	5043.8	4739.7	4422.8	4156.7	3877.9
12.5°	7819.2	7743.1	7401.0	6450.5	5588.7	5094.5	4739.7	4397.5	4004.6	3675.1	3371.0
15°	7831.8	7743.1	7324.9	6323.8	5474.7	4841.0	4346.8	3877.9	3421.7	3054.2	2712.0
17.5°	8199.4	8085.3	7641.7	6501.2	5386.0	4511.5	3852.6	3244.3	2724.7	2331.8	2053.0
20°	8858.3	8782.3	8275.4	6767.3	5297.3	4156.7	3345.6	2610.6	2065.7	1761.5	1647.5
22.5°	9846.8	9758.1	9213.2	7172.9	5271.9	3839.9	2800.7	2053.0	1660.1	1533.4	1470.1
25°	10987.4	10822.6	10315.7	7857.2	5322.6	3548.4	2357.2	1698.2	1482.7	1394.0	1356.0
27.5°	11975.9	11874.5	11304.2	8503.5	5348.0	3320.3	2053.0	1546.1	1381.3	1305.3	1280.0
30°	12723.6	12685.6	12127.9	9213.2	5284.6	3041.5	1862.9	1482.7	1381.3	1305.3	1229.3
32.5°	13471.3	13483.9	12888.3	9758.1	5195.9	2800.7	1685.5	1318.0	1216.6	1165.9	1178.6
35°	14244.3	14307.7	13800.8	10290.4	5005.8	2712.0	1558.8	1229.3	1140.6	1064.5	1026.5
37.5°	15220.1	15384.9	14890.6	10886.0	4815.7	2636.0	1495.4	1165.9	1077.2	1013.8	963.1
40°	16005.8	16310.0	16018.5	11443.6	4689.0	2547.2	1444.7	1102.5	1039.2	963.1	925.1
42.5°	16588.8	16943.6	16842.3	11874.5	4689.0	2458.5	1394.0	1064.5	1013.8	925.1	874.4
45°	17095.7	17463.2	17450.6	12318.0	4790.3	2407.8	1330.7	1064.5	988.5	899.8	849.1
47.5°	17551.9	17919.5	18046.2	12875.6	4955.1	2382.5	1254.6	1039.2	988.5	887.1	811.1
50°	18046.2	18451.7	18831.9	13762.7	5157.9	2319.1	1203.9	1001.2	1001.2	874.4	785.7
52.5°	18679.8	19136.1	19833.1	14865.3	5360.6	2205.1	1127.9	975.8	1001.2	861.8	760.4
55°	19706.3	20086.5	20999.0	16183.3	5614.1	2065.7	1064.5	912.4	950.5	823.7	722.4
57.5°	20859.6	21189.1	21949.4	17197.1	5690.1	1888.3	975.8	849.1	912.4	785.7	671.7
60°	22278.9	22443.7	22443.7	17488.6	5436.7	1723.5	912.4	798.4	823.7	747.7	633.6
62.5°	23178.7	23178.7	22443.7	16956.3	4955.1	1584.1	861.8	747.7	722.4	697.0	595.6
65°	23115.3	23014.0	21924.1	15410.2	4397.5	1495.4	811.1	684.3	646.3	633.6	557.6
67.5°	22050.8	21873.4	20390.7	13230.5	3814.5	1457.4	760.4	621.0	595.6	570.3	506.9
70°	19795.0	19338.8	17513.9	10645.2	3244.3	1432.0	747.7	570.3	544.9	519.6	468.9
72.5°	16525.4	15942.5	13674.0	8186.7	2724.7	1343.3	709.7	506.9	494.2	468.9	418.2
75°	12609.5	11532.3	9542.7	6260.4	2116.4	1165.9	608.3	443.6	443.6	430.9	380.2
77.5°	8693.6	8136.0	6653.3	4625.6	1546.1	899.8	494.2	392.9	392.9	405.5	354.8
80°	6146.3	5626.8	4739.7	3320.3	975.8	608.3	380.2	329.5	367.5	392.9	329.5
82.5°	4701.6	4321.5	3523.1	2420.5	570.3	418.2	291.5	266.1	316.8	342.2	278.8
85°	3269.6	2813.4	1786.9	1622.1	329.5	253.5	215.4	215.4	278.8	342.2	253.5
87.5°	925.1	392.9	114.1	481.6	139.4	101.4	76.0	50.7	76.0	76.0	50.7
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°	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4
2.5°	7857.2	7781.1	7781.1	7755.8	7768.5	7781.1	7768.5	7857.2	7895.2	7945.9	8047.3
5°	6032.3	6133.7	6057.6	6133.7	6235.1	6387.1	6425.2	6539.2	6551.9	6640.6	6589.9
7.5°	4473.5	4460.9	4397.5	4486.2	4765.0	4980.4	5081.8	5145.2	5157.9	5157.9	5094.5
10°	3789.2	3675.1	3561.1	3497.7	3523.1	3751.2	3827.2	3865.2	3839.9	3877.9	3827.2
12.5°	3244.3	3142.9	2978.1	2864.1	2788.0	2851.4	2927.4	2965.5	2990.8	3054.2	3104.9
15°	2636.0	2534.6	2433.2	2369.8	2306.5	2255.8	2319.1	2357.2	2420.5	2471.2	2496.6
17.5°	2002.3	1951.6	1900.9	1939.0	1939.0	1913.6	1939.0	1951.6	1977.0	2015.0	2002.3
20°	1622.1	1609.5	1596.8	1660.1	1710.8	1710.8	1736.2	1698.2	1685.5	1647.5	1634.8
22.5°	1444.7	1444.7	1457.4	1508.1	1558.8	1584.1	1584.1	1520.7	1457.4	1432.0	1444.7
25°	1343.3	1343.3	1381.3	1394.0	1419.4	1419.4	1432.0	1368.7	1330.7	1292.6	1305.3
27.5°	1267.3	1267.3	1280.0	1280.0	1292.6	1292.6	1305.3	1280.0	1229.3	1216.6	1216.6
30°	1216.6	1216.6	1203.9	1203.9	1203.9	1203.9	1216.6	1178.6	1153.2	1140.6	1140.6
32.5°	1165.9	1153.2	1140.6	1140.6	1127.9	1127.9	1140.6	1102.5	1089.9	1089.9	1089.9
35°	1013.8	1001.2	1013.8	1039.2	1039.2	1051.8	1051.8	1039.2	1013.8	988.5	975.8
37.5°	950.5	937.8	937.8	937.8	963.1	975.8	988.5	963.1	925.1	887.1	887.1
40°	899.8	899.8	887.1	887.1	887.1	912.4	937.8	899.8	849.1	836.4	836.4
42.5°	861.8	849.1	836.4	823.7	811.1	849.1	874.4	823.7	798.4	798.4	798.4
45°	823.7	811.1	798.4	785.7	773.0	785.7	811.1	760.4	747.7	747.7	747.7
47.5°	785.7	773.0	747.7	735.0	722.4	722.4	747.7	709.7	697.0	709.7	709.7
50°	760.4	735.0	709.7	697.0	684.3	684.3	684.3	671.7	671.7	671.7	684.3
52.5°	735.0	709.7	671.7	659.0	646.3	646.3	646.3	646.3	633.6	646.3	659.0
55°	697.0	671.7	646.3	633.6	621.0	608.3	621.0	608.3	608.3	621.0	621.0
57.5°	646.3	621.0	595.6	595.6	583.0	583.0	595.6	583.0	583.0	595.6	595.6
60°	608.3	583.0	557.6	557.6	544.9	557.6	570.3	557.6	557.6	557.6	570.3
62.5°	557.6	544.9	519.6	519.6	519.6	519.6	532.3	519.6	532.3	532.3	532.3
65°	519.6	494.2	481.6	481.6	481.6	481.6	506.9	481.6	494.2	494.2	494.2
67.5°	481.6	456.2	443.6	443.6	443.6	443.6	468.9	443.6	456.2	468.9	456.2
70°	443.6	418.2	405.5	405.5	405.5	405.5	418.2	405.5	405.5	418.2	418.2
72.5°	392.9	380.2	367.5	367.5	354.8	367.5	380.2	367.5	367.5	367.5	367.5
75°	354.8	342.2	342.2	329.5	329.5	329.5	342.2	316.8	316.8	316.8	316.8
77.5°	329.5	304.1	304.1	304.1	291.5	304.1	291.5	266.1	266.1	266.1	266.1
80°	278.8	253.5	266.1	266.1	253.5	253.5	240.8	215.4	215.4	215.4	215.4
82.5°	228.1	202.8	215.4	215.4	215.4	215.4	190.1	177.4	164.7	152.1	152.1
85°	202.8	164.7	190.1	190.1	177.4	177.4	126.7	126.7	101.4	101.4	88.7
87.5°	38.0	25.3	50.7	63.4	63.4	76.0	50.7	63.4	38.0	25.3	25.3
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°	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4
2.5°	8034.6	8174.0	8364.1	8503.5	8718.9	8883.7	9137.1	9352.6	9555.4	9644.1	9732.8
5°	6742.0	6830.7	7122.2	7350.3	7692.4	8060.0	8516.2	9010.4	9517.3	9745.4	10011.6
7.5°	5043.8	5208.6	5373.3	5702.8	6121.0	6716.6	7299.6	8034.6	8744.3	9086.5	9542.7
10°	3915.9	4042.6	4232.7	4574.9	4967.8	5462.0	6159.0	7033.4	7882.5	8326.1	8795.0
12.5°	3142.9	3320.3	3573.8	3928.6	4384.8	4891.7	5398.6	6209.7	7198.2	7705.1	8237.4
15°	2547.2	2686.7	2965.5	3409.0	3941.3	4460.9	4993.1	5664.8	6742.0	7324.9	7958.6
17.5°	2027.7	2129.0	2382.5	2826.1	3358.3	3941.3	4549.6	5398.6	6589.9	7299.6	8047.3
20°	1647.5	1723.5	1888.3	2217.8	2724.7	3358.3	4118.7	5145.2	6678.6	7591.1	8503.5
22.5°	1444.7	1470.1	1546.1	1723.5	2141.7	2813.4	3725.8	4929.8	6843.4	8021.9	9251.2
25°	1305.3	1330.7	1356.0	1470.1	1710.8	2344.5	3383.7	4803.0	7198.2	8655.6	10113.0
27.5°	1216.6	1241.9	1254.6	1305.3	1470.1	2002.3	3092.2	4727.0	7679.8	9580.7	11177.5
30°	1140.6	1140.6	1178.6	1254.6	1368.7	1761.5	2838.7	4549.6	8186.7	10353.7	12013.9
32.5°	1077.2	1089.9	1140.6	1178.6	1254.6	1558.8	2585.3	4321.5	8642.9	10987.4	12837.6
35°	963.1	963.1	975.8	1039.2	1140.6	1394.0	2357.2	4093.3	8896.4	11608.4	13572.7
37.5°	887.1	899.8	925.1	975.8	1064.5	1280.0	2167.1	3839.9	9162.5	12191.3	14434.4
40°	836.4	849.1	874.4	925.1	1013.8	1178.6	2002.3	3637.1	9441.3	12825.0	15359.5
42.5°	798.4	811.1	836.4	887.1	963.1	1153.2	1824.9	3472.4	9606.0	13407.9	16234.0
45°	760.4	773.0	811.1	861.8	925.1	1127.9	1723.5	3358.3	9669.4	13800.8	16931.0
47.5°	722.4	735.0	773.0	849.1	925.1	1089.9	1685.5	3294.9	9720.1	14244.3	17488.6
50°	684.3	709.7	760.4	836.4	937.8	1039.2	1660.1	3282.3	10011.6	14814.6	18020.8
52.5°	659.0	697.0	747.7	836.4	925.1	963.1	1647.5	3320.3	10594.5	15663.7	18781.2
55°	633.6	671.7	722.4	836.4	887.1	899.8	1584.1	3383.7	11481.6	16842.3	19858.4
57.5°	608.3	633.6	697.0	811.1	836.4	849.1	1457.4	3472.4	12368.7	17995.5	20960.9
60°	570.3	595.6	659.0	811.1	760.4	798.4	1292.6	3497.7	13002.4	18363.0	21062.3
62.5°	532.3	557.6	621.0	836.4	697.0	747.7	1153.2	3409.0	13129.1	17830.7	20492.0
65°	494.2	519.6	570.3	697.0	646.3	697.0	1064.5	3168.2	12710.9	16614.1	19452.9
67.5°	456.2	481.6	519.6	570.3	583.0	633.6	1026.5	2788.0	11659.1	15106.1	18033.5
70°	405.5	430.9	468.9	506.9	519.6	595.6	963.1	2420.5	9960.9	13091.1	16297.3
72.5°	367.5	380.2	418.2	443.6	468.9	544.9	925.1	2116.4	7616.4	10594.5	13293.9
75°	316.8	316.8	354.8	380.2	405.5	481.6	849.1	1761.5	5373.3	8085.3	9770.8
77.5°	266.1	266.1	291.5	316.8	342.2	418.2	722.4	1432.0	3725.8	6412.5	7084.1
80°	202.8	202.8	228.1	253.5	278.8	354.8	583.0	1051.8	2306.5	4689.0	5157.9
82.5°	139.4	139.4	177.4	190.1	202.8	278.8	443.6	722.4	1356.0	3383.7	3687.8
85°	76.0	76.0	101.4	114.1	139.4	202.8	329.5	506.9	811.1	2445.9	2458.5
87.5°	12.7	12.7	38.0	38.0	63.4	101.4	190.1	278.8	456.2	1356.0	861.8
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: P598724  
 CATALOG NUMBER: IFLD-L-SA7B-740-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4	9048.4
2.5°	9897.5	10036.9	10049.6	10049.6	9986.2	9998.9	9821.5	9631.4	9568.0	9555.4
5°	10417.1	10784.6	10886.0	10936.7	10771.9	10518.5	10062.3	9568.0	9314.6	9276.5
7.5°	10315.7	11050.8	11443.6	11494.3	11164.8	10569.2	9770.8	9010.4	8718.9	8642.9
10°	9720.1	10708.6	11418.3	11595.7	11240.8	10480.5	9441.3	8554.2	8199.4	8136.0
12.5°	9301.9	10252.4	10949.4	11190.2	11025.4	10366.4	9276.5	8262.7	7907.9	7819.2
15°	9073.8	9948.2	10404.4	10480.5	10467.8	10189.0	9276.5	8326.1	7933.2	7831.8
17.5°	9263.9	9859.5	9922.9	9745.4	9846.8	9986.2	9479.3	8668.3	8288.1	8199.4
20°	9644.1	9821.5	9517.3	9251.2	9301.9	9745.4	9796.1	9314.6	9010.4	8858.3
22.5°	10442.5	9960.9	9263.9	8896.4	8934.4	9555.4	10214.3	10189.0	9922.9	9846.8
25°	11253.5	10353.7	9187.8	8757.0	8807.7	9517.3	10708.6	11164.8	11025.4	10987.4
27.5°	12153.3	11012.7	9238.5	8693.6	8757.0	9568.0	11050.8	11988.5	12013.9	11975.9
30°	12761.6	11329.6	9390.6	8769.6	8858.3	9694.8	11126.8	12482.8	12710.9	12723.6
32.5°	13268.5	11646.4	9707.4	8896.4	9048.4	9922.9	11329.6	12951.7	13458.6	13471.3
35°	13674.0	12001.2	10100.3	9124.5	9352.6	10303.1	11595.7	13395.2	14155.6	14244.3
37.5°	14193.6	12394.1	10556.5	9618.7	9872.2	10848.0	12064.6	13914.8	14979.3	15220.1
40°	14751.2	12786.9	11215.5	10417.1	10784.6	11659.1	12596.8	14497.8	15676.4	16005.8
42.5°	15372.2	13205.1	11963.2	11494.3	12051.9	12685.6	13205.1	15030.0	16208.6	16588.8
45°	15980.5	13712.1	13053.1	12964.4	13585.3	13902.2	13800.8	15410.2	16715.5	17095.7
47.5°	16411.4	14447.1	14371.0	14903.3	15486.3	15321.5	14497.8	15689.0	17133.7	17551.9
50°	16804.2	15359.5	16031.2	17070.4	17425.2	16867.6	15245.5	16069.2	17577.3	18046.2
52.5°	17387.2	16335.3	17742.0	19034.7	19376.8	18489.7	16056.5	16690.2	18261.6	18679.8
55°	18578.4	17437.9	19528.9	21011.6	21075.0	19972.5	17146.4	17742.0	19224.8	19706.3
57.5°	19909.1	18793.9	20948.3	22646.4	22621.1	21455.2	18375.7	19161.4	20530.1	20859.6
60°	21113.0	20162.6	22494.4	23812.3	23749.0	22532.4	19807.7	20770.9	22025.5	22278.9
62.5°	21822.7	21404.5	23178.7	24179.9	23939.1	22887.2	21024.3	22202.9	23090.0	23178.7
65°	21708.6	22114.2	22380.3	23001.3	22659.1	21898.7	21619.9	23115.3	23204.0	23115.3
67.5°	20846.9	21708.6	20187.9	20251.3	20073.8	19427.5	20694.8	22874.6	22266.3	22050.8
70°	19541.6	19604.9	16880.3	16081.9	16360.7	15473.6	17754.7	20999.0	20061.2	19795.0
72.5°	17374.5	16588.8	12761.6	11950.5	12368.7	11735.1	14244.3	18299.6	17387.2	16525.4
75°	14573.8	13141.8	9720.1	8566.9	8782.3	8757.0	11038.1	15118.7	13471.3	12609.5
77.5°	11291.5	10239.7	7172.9	6729.3	6501.2	6551.9	7705.1	11240.8	9770.8	8693.6
80°	8250.0	7160.2	5550.7	5804.2	5677.5	5373.3	5398.6	7527.7	6792.7	6146.3
82.5°	5702.8	5094.5	4498.9	5081.8	4777.7	4308.8	4207.4	5424.0	5094.5	4701.6
85°	3827.2	4194.7	3573.8	3890.6	3371.0	3104.9	3953.9	4536.9	3662.5	3269.6
87.5°	2496.6	3839.9	2572.6	1951.6	1115.2	1495.4	2420.5	2978.1	1710.8	925.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)