

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: P598750

Luminaire Tested: **IFLD-M-SA4D-750-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598750  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4D-750-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (64) 5000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

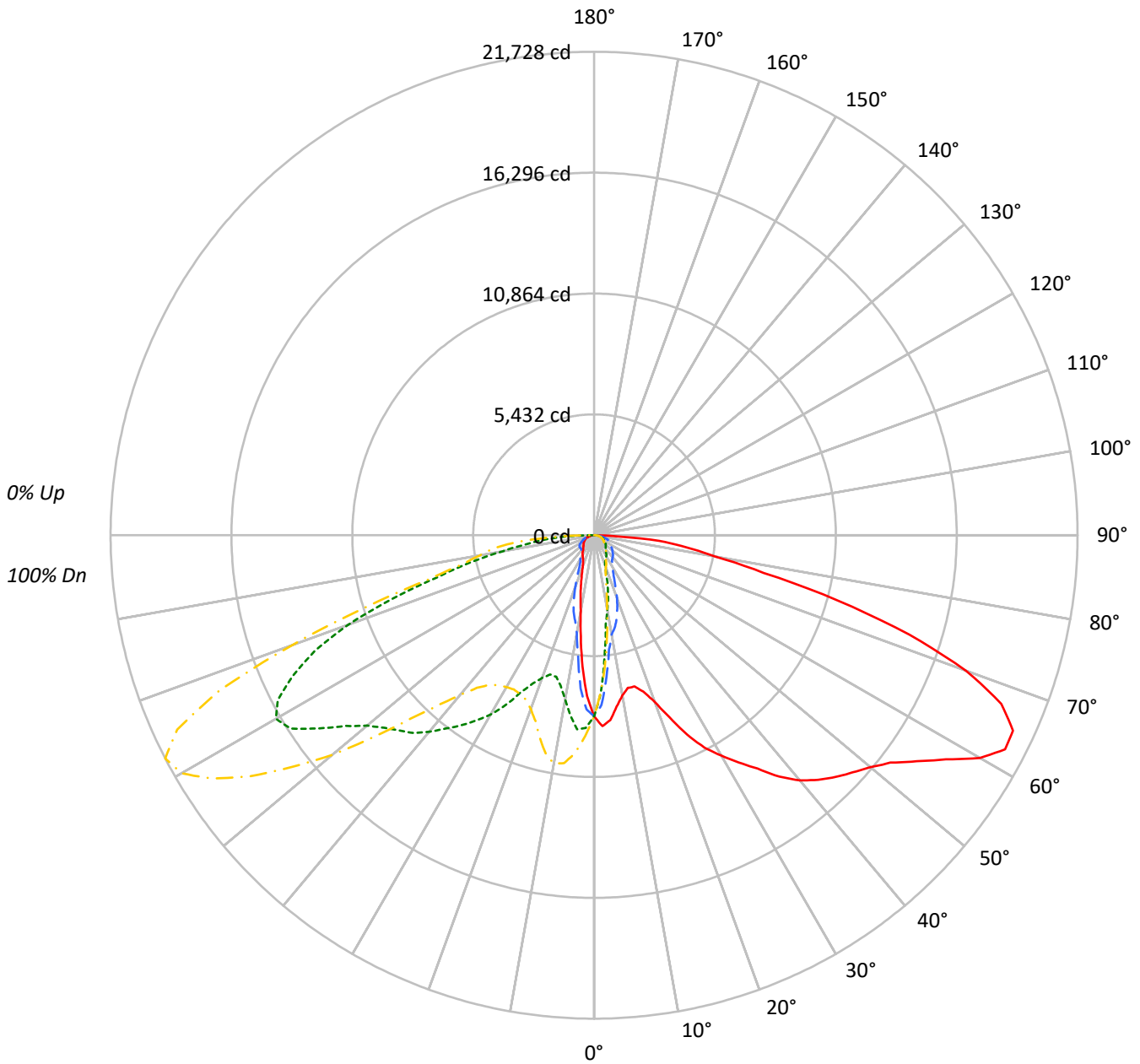
Lumens per Lamp: N/A  
 Luminaire Lumens: 27218.8 lumens  
 Efficiency: N/A  
 Efficacy: 109.0 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 249.7  
 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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

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

	0°	90°	180°	270°
0°	87519	87519	87519	87519
5°	90068	58569	63983	94621
10°	79907	37215	37589	81775
15°	78423	26395	25000	73347
20°	91178	16696	16827	78135
25°	117260	14336	13930	92373
30°	142104	13587	12739	115637
35°	168192	11971	11521	137067
40°	202093	11360	10561	161931
45°	233846	11268	10228	188775
50°	271548	11442	10297	222920
55°	332308	11753	10472	284011
60°	430974	11767	11031	355222
65°	529029	11892	11311	380241
70°	559798	12545	11827	370213
75°	471228	13263	11840	302153
80°	342354	15528	12001	261176
85°	362849	22502	9843	271433

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	629.3	2.3
10°-20°	1316.9	4.8
20°-30°	1897.8	7.0
30°-40°	2732.1	10.0
40°-50°	3880.8	14.3
50°-60°	5579.5	20.5
60°-70°	6446.2	23.7
70°-80°	3649.9	13.4
80°-90°	1086.2	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°	3844.0	14.1
0°-40°	6576.2	24.2
0°-60°	16036.5	58.9
0°-90°	27218.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27218.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	8131	8131	8131	8131	8131	
5°	8336	5420	5922	8757	8336	756
15°	7038	2369	2243	6582	7038	2069
25°	9873	1207	1173	7778	9873	4583
35°	12800	911	877	10431	12800	8123
45°	15362	740	672	12401	15362	11895
55°	17708	626	558	15134	17708	16037
65°	20771	467	444	14929	20771	19918
75°	11331	319	285	7265	11331	12022
85°	2938	182	80	2198	2938	2926
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°	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8
2.5°	8586.3	8574.9	8506.5	8290.2	8062.4	7846.1	7641.1	7424.7	7310.8	7174.2	7117.3
5°	8335.7	8313.0	8119.4	7641.1	7219.7	6764.2	6377.1	6069.6	5819.1	5568.5	5477.4
7.5°	7766.3	7732.2	7504.4	6844.0	6229.0	5636.9	5170.0	4771.4	4441.2	4293.1	4122.3
10°	7310.8	7253.9	6957.8	6229.0	5431.9	4839.7	4532.3	4259.0	3974.3	3735.1	3484.6
12.5°	7026.2	6957.8	6650.4	5796.3	5021.9	4577.8	4259.0	3951.5	3598.5	3302.4	3029.1
15°	7037.5	6957.8	6582.0	5682.4	4919.4	4350.1	3905.9	3484.6	3074.7	2744.4	2436.9
17.5°	7367.8	7265.3	6866.7	5841.8	4839.7	4054.0	3461.8	2915.2	2448.3	2095.3	1844.8
20°	7959.9	7891.6	7436.1	6081.0	4760.0	3735.1	3006.3	2345.8	1856.2	1582.9	1480.4
22.5°	8848.2	8768.5	8278.8	6445.4	4737.2	3450.4	2516.7	1844.8	1491.8	1377.9	1321.0
25°	9873.1	9725.0	9269.5	7060.3	4782.8	3188.5	2118.1	1525.9	1332.4	1252.6	1218.5
27.5°	10761.3	10670.2	10157.7	7641.1	4805.6	2983.6	1844.8	1389.3	1241.2	1172.9	1150.1
30°	11433.2	11399.0	10897.9	8278.8	4748.6	2733.0	1674.0	1332.4	1241.2	1172.9	1104.6
32.5°	12105.0	12116.4	11581.2	8768.5	4668.9	2516.7	1514.6	1184.3	1093.2	1047.7	1059.0
35°	12799.7	12856.6	12401.1	9246.7	4498.1	2436.9	1400.7	1104.6	1024.9	956.6	922.4
37.5°	13676.5	13824.6	13380.4	9782.0	4327.3	2368.6	1343.7	1047.7	967.9	911.0	865.5
40°	14382.5	14655.9	14393.9	10283.0	4213.4	2288.9	1298.2	990.7	933.8	865.5	831.3
42.5°	14906.4	15225.2	15134.1	10670.2	4213.4	2209.2	1252.6	956.6	911.0	831.3	785.7
45°	15361.9	15692.1	15680.7	11068.8	4304.5	2163.6	1195.7	956.6	888.2	808.5	763.0
47.5°	15771.8	16102.1	16216.0	11569.8	4452.6	2140.9	1127.4	933.8	888.2	797.1	728.8
50°	16216.0	16580.4	16922.0	12366.9	4634.8	2083.9	1081.8	899.6	899.6	785.7	706.0
52.5°	16785.3	17195.3	17821.6	13357.7	4817.0	1981.4	1013.5	876.8	899.6	774.4	683.3
55°	17707.7	18049.4	18869.3	14542.0	5044.7	1856.2	956.6	819.9	854.1	740.2	649.1
57.5°	18744.0	19040.1	19723.3	15453.0	5113.0	1696.8	876.8	763.0	819.9	706.0	603.5
60°	20019.4	20167.5	20167.5	15714.9	4885.3	1548.7	819.9	717.4	740.2	671.9	569.4
62.5°	20827.9	20827.9	20167.5	15236.6	4452.6	1423.5	774.4	671.9	649.1	626.3	535.2
65°	20771.0	20679.9	19700.6	13847.3	3951.5	1343.7	728.8	614.9	580.8	569.4	501.1
67.5°	19814.4	19655.0	18322.7	11888.7	3427.7	1309.6	683.3	558.0	535.2	512.4	455.5
70°	17787.4	17377.5	15737.7	9565.6	2915.2	1286.8	671.9	512.4	489.7	466.9	421.3
72.5°	14849.4	14325.6	12287.2	7356.4	2448.3	1207.1	637.7	455.5	444.1	421.3	375.8
75°	11330.7	10362.7	8574.9	5625.5	1901.7	1047.7	546.6	398.6	398.6	387.2	341.6
77.5°	7811.9	7310.8	5978.5	4156.5	1389.3	808.5	444.1	353.0	353.0	364.4	318.9
80°	5523.0	5056.1	4259.0	2983.6	876.8	546.6	341.6	296.1	330.2	353.0	296.1
82.5°	4224.8	3883.2	3165.8	2175.0	512.4	375.8	261.9	239.1	284.7	307.5	250.5
85°	2938.0	2528.0	1605.7	1457.6	296.1	227.8	193.6	193.6	250.5	307.5	227.8
87.5°	831.3	353.0	102.5	432.7	125.3	91.1	68.3	45.6	68.3	68.3	45.6
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°	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8
2.5°	7060.3	6992.0	6992.0	6969.2	6980.6	6992.0	6980.6	7060.3	7094.5	7140.0	7231.1
5°	5420.5	5511.6	5443.3	5511.6	5602.7	5739.4	5773.5	5876.0	5887.4	5967.1	5921.6
7.5°	4019.8	4008.4	3951.5	4031.2	4281.7	4475.3	4566.4	4623.4	4634.8	4634.8	4577.8
10°	3404.9	3302.4	3199.9	3143.0	3165.8	3370.7	3439.1	3473.2	3450.4	3484.6	3439.1
12.5°	2915.2	2824.1	2676.1	2573.6	2505.3	2562.2	2630.5	2664.7	2687.5	2744.4	2790.0
15°	2368.6	2277.5	2186.4	2129.5	2072.5	2027.0	2083.9	2118.1	2175.0	2220.6	2243.4
17.5°	1799.2	1753.7	1708.1	1742.3	1742.3	1719.5	1742.3	1753.7	1776.5	1810.6	1799.2
20°	1457.6	1446.2	1434.8	1491.8	1537.3	1537.3	1560.1	1525.9	1514.6	1480.4	1469.0
22.5°	1298.2	1298.2	1309.6	1355.1	1400.7	1423.5	1423.5	1366.5	1309.6	1286.8	1298.2
25°	1207.1	1207.1	1241.2	1252.6	1275.4	1275.4	1286.8	1229.9	1195.7	1161.5	1172.9
27.5°	1138.8	1138.8	1150.1	1150.1	1161.5	1161.5	1172.9	1150.1	1104.6	1093.2	1093.2
30°	1093.2	1093.2	1081.8	1081.8	1081.8	1081.8	1093.2	1059.0	1036.3	1024.9	1024.9
32.5°	1047.7	1036.3	1024.9	1024.9	1013.5	1013.5	1024.9	990.7	979.3	979.3	979.3
35°	911.0	899.6	911.0	933.8	933.8	945.2	945.2	933.8	911.0	888.2	876.8
37.5°	854.1	842.7	842.7	842.7	865.5	876.8	888.2	865.5	831.3	797.1	797.1
40°	808.5	808.5	797.1	797.1	797.1	819.9	842.7	808.5	763.0	751.6	751.6
42.5°	774.4	763.0	751.6	740.2	728.8	763.0	785.7	740.2	717.4	717.4	717.4
45°	740.2	728.8	717.4	706.0	694.6	706.0	728.8	683.3	671.9	671.9	671.9
47.5°	706.0	694.6	671.9	660.5	649.1	649.1	671.9	637.7	626.3	637.7	637.7
50°	683.3	660.5	637.7	626.3	614.9	614.9	614.9	603.5	603.5	603.5	614.9
52.5°	660.5	637.7	603.5	592.2	580.8	580.8	580.8	580.8	569.4	580.8	592.2
55°	626.3	603.5	580.8	569.4	558.0	546.6	558.0	546.6	546.6	558.0	558.0
57.5°	580.8	558.0	535.2	535.2	523.8	523.8	535.2	523.8	523.8	535.2	535.2
60°	546.6	523.8	501.1	501.1	489.7	501.1	512.4	501.1	501.1	501.1	512.4
62.5°	501.1	489.7	466.9	466.9	466.9	466.9	478.3	466.9	478.3	478.3	478.3
65°	466.9	444.1	432.7	432.7	432.7	432.7	455.5	432.7	444.1	444.1	444.1
67.5°	432.7	410.0	398.6	398.6	398.6	398.6	421.3	398.6	410.0	421.3	410.0
70°	398.6	375.8	364.4	364.4	364.4	364.4	375.8	364.4	364.4	375.8	375.8
72.5°	353.0	341.6	330.2	330.2	318.9	330.2	341.6	330.2	330.2	330.2	330.2
75°	318.9	307.5	307.5	296.1	296.1	296.1	307.5	284.7	284.7	284.7	284.7
77.5°	296.1	273.3	273.3	273.3	261.9	273.3	261.9	239.1	239.1	239.1	239.1
80°	250.5	227.8	239.1	239.1	227.8	227.8	216.4	193.6	193.6	193.6	193.6
82.5°	205.0	182.2	193.6	193.6	193.6	193.6	170.8	159.4	148.0	136.7	136.7
85°	182.2	148.0	170.8	170.8	159.4	159.4	113.9	113.9	91.1	91.1	79.7
87.5°	34.2	22.8	45.6	56.9	56.9	68.3	45.6	56.9	34.2	22.8	22.8
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8
2.5°	7219.7	7345.0	7515.8	7641.1	7834.7	7982.7	8210.5	8404.1	8586.3	8666.0	8745.7
5°	6058.2	6137.9	6399.8	6604.8	6912.3	7242.5	7652.5	8096.6	8552.1	8757.1	8996.2
7.5°	4532.3	4680.3	4828.3	5124.4	5500.2	6035.4	6559.3	7219.7	7857.4	8164.9	8574.9
10°	3518.8	3632.6	3803.5	4110.9	4463.9	4908.1	5534.4	6320.1	7083.1	7481.7	7903.0
12.5°	2824.1	2983.6	3211.3	3530.2	3940.1	4395.6	4851.1	5579.9	6468.2	6923.7	7401.9
15°	2288.9	2414.2	2664.7	3063.3	3541.5	4008.4	4486.7	5090.3	6058.2	6582.0	7151.4
17.5°	1822.0	1913.1	2140.9	2539.4	3017.7	3541.5	4088.2	4851.1	5921.6	6559.3	7231.1
20°	1480.4	1548.7	1696.8	1992.8	2448.3	3017.7	3701.0	4623.4	6001.3	6821.2	7641.1
22.5°	1298.2	1321.0	1389.3	1548.7	1924.5	2528.0	3348.0	4429.8	6149.3	7208.4	8313.0
25°	1172.9	1195.7	1218.5	1321.0	1537.3	2106.7	3040.5	4315.9	6468.2	7777.7	9087.3
27.5°	1093.2	1116.0	1127.4	1172.9	1321.0	1799.2	2778.6	4247.6	6900.9	8609.0	10043.9
30°	1024.9	1024.9	1059.0	1127.4	1229.9	1582.9	2550.8	4088.2	7356.4	9303.7	10795.5
32.5°	967.9	979.3	1024.9	1059.0	1127.4	1400.7	2323.1	3883.2	7766.3	9873.1	11535.6
35°	865.5	865.5	876.8	933.8	1024.9	1252.6	2118.1	3678.2	7994.1	10431.0	12196.1
37.5°	797.1	808.5	831.3	876.8	956.6	1150.1	1947.3	3450.4	8233.2	10954.9	12970.5
40°	751.6	763.0	785.7	831.3	911.0	1059.0	1799.2	3268.2	8483.8	11524.3	13801.8
42.5°	717.4	728.8	751.6	797.1	865.5	1036.3	1639.8	3120.2	8631.8	12048.1	14587.5
45°	683.3	694.6	728.8	774.4	831.3	1013.5	1548.7	3017.7	8688.7	12401.1	15213.8
47.5°	649.1	660.5	694.6	763.0	831.3	979.3	1514.6	2960.8	8734.3	12799.7	15714.9
50°	614.9	637.7	683.3	751.6	842.7	933.8	1491.8	2949.4	8996.2	13312.1	16193.2
52.5°	592.2	626.3	671.9	751.6	831.3	865.5	1480.4	2983.6	9520.0	14075.1	16876.4
55°	569.4	603.5	649.1	751.6	797.1	808.5	1423.5	3040.5	10317.2	15134.1	17844.4
57.5°	546.6	569.4	626.3	728.8	751.6	763.0	1309.6	3120.2	11114.3	16170.4	18835.1
60°	512.4	535.2	592.2	728.8	683.3	717.4	1161.5	3143.0	11683.7	16500.6	18926.2
62.5°	478.3	501.1	558.0	751.6	626.3	671.9	1036.3	3063.3	11797.6	16022.4	18413.8
65°	444.1	466.9	512.4	626.3	580.8	626.3	956.6	2846.9	11421.8	14929.2	17480.0
67.5°	410.0	432.7	466.9	512.4	523.8	569.4	922.4	2505.3	10476.6	13574.0	16204.6
70°	364.4	387.2	421.3	455.5	466.9	535.2	865.5	2175.0	8950.7	11763.4	14644.5
72.5°	330.2	341.6	375.8	398.6	421.3	489.7	831.3	1901.7	6844.0	9520.0	11945.6
75°	284.7	284.7	318.9	341.6	364.4	432.7	763.0	1582.9	4828.3	7265.3	8779.8
77.5°	239.1	239.1	261.9	284.7	307.5	375.8	649.1	1286.8	3348.0	5762.1	6365.7
80°	182.2	182.2	205.0	227.8	250.5	318.9	523.8	945.2	2072.5	4213.4	4634.8
82.5°	125.3	125.3	159.4	170.8	182.2	250.5	398.6	649.1	1218.5	3040.5	3313.8
85°	68.3	68.3	91.1	102.5	125.3	182.2	296.1	455.5	728.8	2197.8	2209.2
87.5°	11.4	11.4	34.2	34.2	56.9	91.1	170.8	250.5	410.0	1218.5	774.4
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: P598750  
 CATALOG NUMBER: IFLD-M-SA4D-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8	8130.8
2.5°	8893.7	9019.0	9030.4	9030.4	8973.4	8984.8	8825.4	8654.6	8597.6	8586.3
5°	9360.6	9690.9	9782.0	9827.5	9679.5	9451.7	9041.8	8597.6	8369.9	8335.7
7.5°	9269.5	9930.0	10283.0	10328.6	10032.5	9497.3	8779.8	8096.6	7834.7	7766.3
10°	8734.3	9622.5	10260.2	10419.7	10100.8	9417.6	8483.8	7686.6	7367.8	7310.8
12.5°	8358.5	9212.6	9838.9	10055.3	9907.2	9315.1	8335.7	7424.7	7105.9	7026.2
15°	8153.5	8939.3	9349.2	9417.6	9406.2	9155.6	8335.7	7481.7	7128.6	7037.5
17.5°	8324.3	8859.6	8916.5	8757.1	8848.2	8973.4	8517.9	7789.1	7447.5	7367.8
20°	8666.0	8825.4	8552.1	8313.0	8358.5	8757.1	8802.6	8369.9	8096.6	7959.9
22.5°	9383.4	8950.7	8324.3	7994.1	8028.3	8586.3	9178.4	9155.6	8916.5	8848.2
25°	10112.2	9303.7	8256.0	7868.8	7914.4	8552.1	9622.5	10032.5	9907.2	9873.1
27.5°	10920.7	9895.8	8301.6	7811.9	7868.8	8597.6	9930.0	10772.7	10795.5	10761.3
30°	11467.3	10180.5	8438.2	7880.2	7959.9	8711.5	9998.3	11216.8	11421.8	11433.2
32.5°	11922.8	10465.2	8722.9	7994.1	8130.8	8916.5	10180.5	11638.1	12093.6	12105.0
35°	12287.2	10784.1	9075.9	8199.1	8404.1	9258.1	10419.7	12036.7	12720.0	12799.7
37.5°	12754.1	11137.1	9485.9	8643.2	8870.9	9747.8	10841.0	12503.6	13460.2	13676.5
40°	13255.2	11490.1	10078.0	9360.6	9690.9	10476.6	11319.3	13027.4	14086.5	14382.5
42.5°	13813.2	11865.9	10749.9	10328.6	10829.6	11399.0	11865.9	13505.7	14564.7	14906.4
45°	14359.8	12321.4	11729.2	11649.5	12207.5	12492.2	12401.1	13847.3	15020.3	15361.9
47.5°	14747.0	12981.9	12913.5	13391.8	13915.7	13767.6	13027.4	14097.9	15396.0	15771.8
50°	15100.0	13801.8	14405.3	15339.1	15658.0	15156.9	13699.3	14439.5	15794.6	16216.0
52.5°	15623.8	14678.6	15942.7	17104.2	17411.7	16614.5	14428.1	14997.5	16409.5	16785.3
55°	16694.2	15669.3	17548.3	18880.7	18937.6	17946.9	15407.4	15942.7	17275.0	17707.7
57.5°	17889.9	16887.8	18823.7	20349.7	20326.9	19279.2	16512.0	17218.1	18447.9	18744.0
60°	18971.8	18117.7	20213.0	21397.3	21340.4	20247.2	17798.8	18664.3	19791.7	20019.4
62.5°	19609.5	19233.7	20827.9	21727.6	21511.2	20566.0	18892.0	19951.1	20748.2	20827.9
65°	19507.0	19871.4	20110.5	20668.5	20361.0	19677.8	19427.3	20771.0	20850.7	20771.0
67.5°	18732.6	19507.0	18140.5	18197.4	18038.0	17457.2	18596.0	20554.6	20008.0	19814.4
70°	17559.7	17616.6	15168.3	14450.9	14701.4	13904.3	15954.0	18869.3	18026.6	17787.4
72.5°	15612.4	14906.4	11467.3	10738.5	11114.3	10544.9	12799.7	16443.7	15623.8	14849.4
75°	13095.7	11808.9	8734.3	7698.0	7891.6	7868.8	9918.6	13585.4	12105.0	11330.7
77.5°	10146.4	9201.2	6445.4	6046.8	5841.8	5887.4	6923.7	10100.8	8779.8	7811.9
80°	7413.3	6434.0	4987.8	5215.5	5101.6	4828.3	4851.1	6764.2	6103.8	5523.0
82.5°	5124.4	4577.8	4042.6	4566.4	4293.1	3871.8	3780.7	4873.9	4577.8	4224.8
85°	3439.1	3769.3	3211.3	3496.0	3029.1	2790.0	3552.9	4076.8	3291.0	2938.0
87.5°	2243.4	3450.4	2311.7	1753.7	1002.1	1343.7	2175.0	2676.1	1537.3	831.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)