

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: P598743

Luminaire Tested: **IFLD-S-SA6B-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: P598743  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA6B-750-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (96) 5000K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

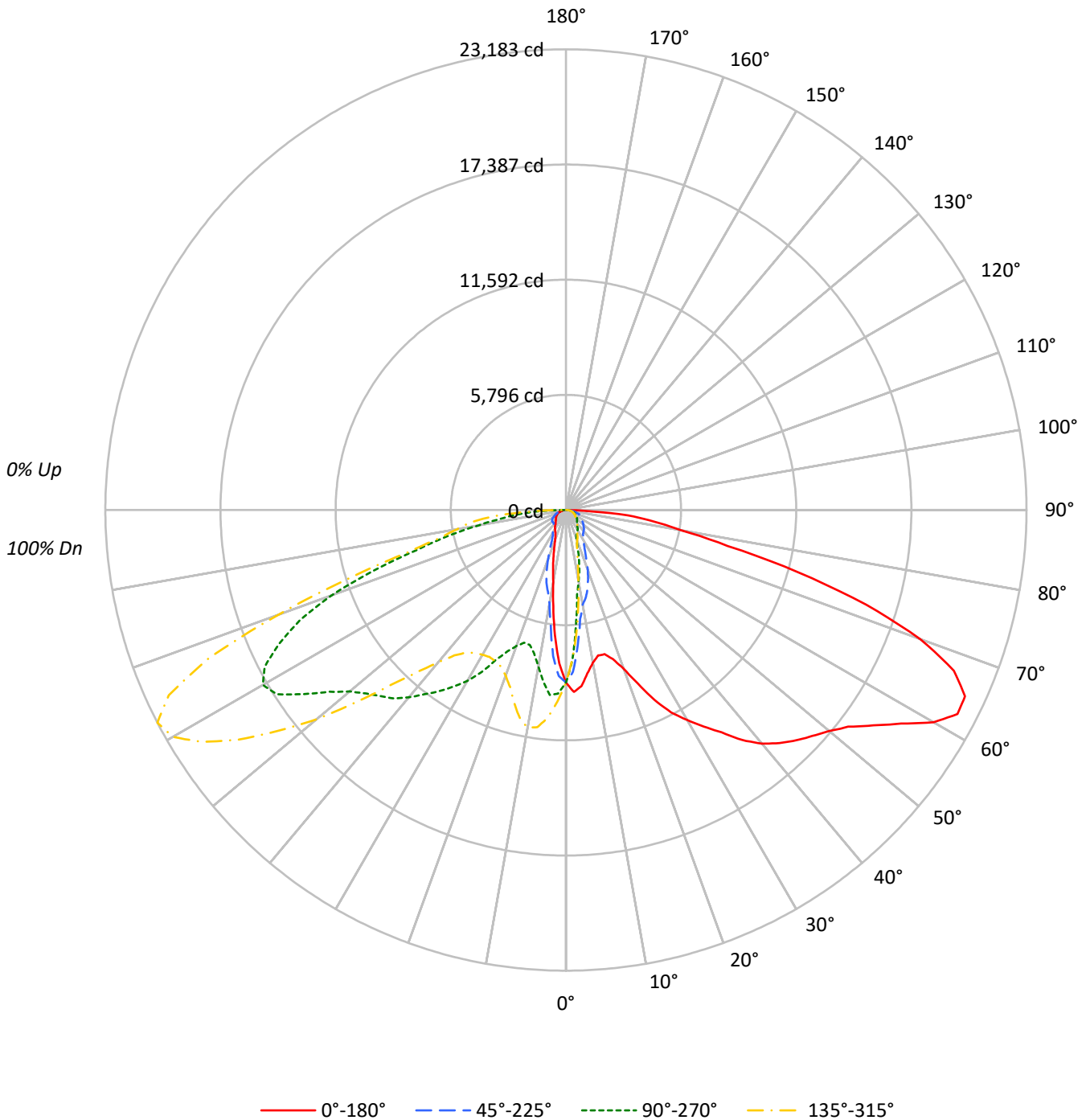
Lumens per Lamp: N/A  
 Luminaire Lumens: 29042.2 lumens  
 Efficiency: N/A  
 Efficacy: 118.6 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 244.9  
 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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CATALOG NUMBER: IFLD-S-SA6B-750-U-SLR

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

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

	0°	90°	180°	270°
0°	62254	62254	62254	62254
5°	64067	41661	45512	67306
10°	56840	26472	26738	58169
15°	55785	18776	17782	52174
20°	64858	11877	11969	55579
25°	83410	10198	9909	65708
30°	101083	9665	9061	82255
35°	119639	8515	8196	97499
40°	143755	8081	7512	115186
45°	166341	8015	7275	134282
50°	193159	8138	7325	158569
55°	236380	8361	7449	202026
60°	306563	8370	7848	252679
65°	376313	8459	8047	270475
70°	398199	8923	8413	263342
75°	335196	9432	8423	214930
80°	243526	11046	8538	185783
85°	258103	16006	7007	193075

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	671.4	2.3
10°-20°	1405.2	4.8
20°-30°	2025.0	7.0
30°-40°	2915.2	10.0
40°-50°	4140.8	14.3
50°-60°	5953.3	20.5
60°-70°	6878.0	23.7
70°-80°	3894.5	13.4
80°-90°	1159.0	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°	4101.6	14.1
0°-40°	7016.7	24.2
0°-60°	17110.8	58.9
0°-90°	29042.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	29042.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	8675	8675	8675	8675	8675	
5°	8894	5784	6318	9344	8894	807
15°	7509	2527	2394	7023	7509	2208
25°	10534	1288	1252	8299	10534	4890
35°	13657	972	936	11130	13657	8668
45°	16391	790	717	13232	16391	12692
55°	18894	668	595	16148	18894	17111
65°	22162	498	474	15929	22162	21252
75°	12090	340	304	7752	12090	12828
85°	3135	194	85	2345	3135	3122
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°	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4
2.5°	9161.5	9149.3	9076.4	8845.5	8602.5	8371.7	8153.0	7922.1	7800.6	7654.8	7594.0
5°	8894.1	8869.8	8663.3	8153.0	7703.4	7217.4	6804.3	6476.2	6208.9	5941.6	5844.4
7.5°	8286.6	8250.2	8007.2	7302.4	6646.3	6014.5	5516.3	5091.0	4738.7	4580.7	4398.5
10°	7800.6	7739.9	7423.9	6646.3	5795.8	5164.0	4835.9	4544.3	4240.5	3985.4	3718.0
12.5°	7496.8	7423.9	7095.9	6184.6	5358.4	4884.5	4544.3	4216.2	3839.6	3523.6	3232.0
15°	7509.0	7423.9	7023.0	6063.1	5249.0	4641.5	4167.6	3718.0	3280.6	2928.3	2600.2
17.5°	7861.4	7752.0	7326.7	6233.2	5164.0	4325.6	3693.7	3110.5	2612.4	2235.7	1968.4
20°	8493.2	8420.3	7934.3	6488.4	5078.9	3985.4	3207.7	2503.0	1980.5	1688.9	1579.6
22.5°	9440.9	9355.9	8833.4	6877.2	5054.6	3681.6	2685.3	1968.4	1591.7	1470.2	1409.5
25°	10534.5	10376.5	9890.5	7533.3	5103.2	3402.1	2260.0	1628.2	1421.6	1336.6	1300.1
27.5°	11482.2	11385.0	10838.2	8153.0	5127.5	3183.4	1968.4	1482.4	1324.4	1251.5	1227.2
30°	12199.1	12162.6	11628.0	8833.4	5066.7	2916.1	1786.1	1421.6	1324.4	1251.5	1178.6
32.5°	12916.0	12928.1	12357.0	9355.9	4981.7	2685.3	1616.0	1263.6	1166.4	1117.8	1130.0
35°	13657.1	13717.9	13231.9	9866.2	4799.4	2600.2	1494.5	1178.6	1093.5	1020.6	984.2
37.5°	14592.7	14750.7	14276.8	10437.3	4617.2	2527.3	1433.8	1117.8	1032.8	972.0	923.4
40°	15346.1	15637.7	15358.2	10971.9	4495.7	2442.2	1385.2	1057.1	996.3	923.4	887.0
42.5°	15905.0	16245.2	16148.0	11385.0	4495.7	2357.2	1336.6	1020.6	972.0	887.0	838.4
45°	16391.0	16743.4	16731.2	11810.3	4592.9	2308.6	1275.8	1020.6	947.7	862.7	814.1
47.5°	16828.4	17180.8	17302.3	12344.9	4750.8	2284.3	1202.9	996.3	947.7	850.5	777.6
50°	17302.3	17691.1	18055.6	13195.4	4945.2	2223.5	1154.3	959.9	959.9	838.4	753.3
52.5°	17909.8	18347.2	19015.5	14252.5	5139.7	2114.2	1081.4	935.6	959.9	826.2	729.0
55°	18894.0	19258.5	20133.3	15516.2	5382.7	1980.5	1020.6	874.8	911.3	789.8	692.6
57.5°	19999.7	20315.6	21044.6	16488.2	5455.6	1810.4	935.6	814.1	874.8	753.3	644.0
60°	21360.5	21518.5	21518.5	16767.7	5212.6	1652.5	874.8	765.5	789.8	716.9	607.5
62.5°	22223.2	22223.2	21518.5	16257.3	4750.8	1518.8	826.2	716.9	692.6	668.3	571.1
65°	22162.5	22065.3	21020.3	14775.0	4216.2	1433.8	777.6	656.1	619.7	607.5	534.6
67.5°	21141.8	20971.7	19550.1	12685.1	3657.3	1397.3	729.0	595.4	571.1	546.8	486.0
70°	18979.0	18541.6	16792.0	10206.4	3110.5	1373.0	716.9	546.8	522.5	498.2	449.6
72.5°	15844.2	15285.3	13110.4	7849.2	2612.4	1288.0	680.4	486.0	473.9	449.6	401.0
75°	12089.7	11056.9	9149.3	6002.3	2029.1	1117.8	583.2	425.3	425.3	413.1	364.5
77.5°	8335.2	7800.6	6379.0	4434.9	1482.4	862.7	473.9	376.7	376.7	388.8	340.2
80°	5893.0	5394.8	4544.3	3183.4	935.6	583.2	364.5	315.9	352.4	376.7	315.9
82.5°	4507.8	4143.3	3377.8	2320.7	546.8	401.0	279.5	255.2	303.8	328.1	267.3
85°	3134.8	2697.4	1713.2	1555.3	315.9	243.0	206.6	206.6	267.3	328.1	243.0
87.5°	887.0	376.7	109.4	461.7	133.7	97.2	72.9	48.6	72.9	72.9	48.6
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°	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4
2.5°	7533.3	7460.4	7460.4	7436.1	7448.2	7460.4	7448.2	7533.3	7569.7	7618.3	7715.6
5°	5783.6	5880.8	5807.9	5880.8	5978.0	6123.8	6160.3	6269.6	6281.8	6366.8	6318.2
7.5°	4289.1	4277.0	4216.2	4301.3	4568.6	4775.1	4872.3	4933.1	4945.2	4945.2	4884.5
10°	3633.0	3523.6	3414.3	3353.5	3377.8	3596.5	3669.4	3705.9	3681.6	3718.0	3669.4
12.5°	3110.5	3013.3	2855.4	2746.0	2673.1	2733.9	2806.8	2843.2	2867.5	2928.3	2976.9
15°	2527.3	2430.1	2332.9	2272.1	2211.4	2162.8	2223.5	2260.0	2320.7	2369.3	2393.6
17.5°	1919.8	1871.2	1822.6	1859.0	1859.0	1834.7	1859.0	1871.2	1895.5	1931.9	1919.8
20°	1555.3	1543.1	1531.0	1591.7	1640.3	1640.3	1664.6	1628.2	1616.0	1579.6	1567.4
22.5°	1385.2	1385.2	1397.3	1445.9	1494.5	1518.8	1518.8	1458.1	1397.3	1373.0	1385.2
25°	1288.0	1288.0	1324.4	1336.6	1360.9	1360.9	1373.0	1312.3	1275.8	1239.3	1251.5
27.5°	1215.0	1215.0	1227.2	1227.2	1239.3	1239.3	1251.5	1227.2	1178.6	1166.4	1166.4
30°	1166.4	1166.4	1154.3	1154.3	1154.3	1154.3	1166.4	1130.0	1105.7	1093.5	1093.5
32.5°	1117.8	1105.7	1093.5	1093.5	1081.4	1081.4	1093.5	1057.1	1044.9	1044.9	1044.9
35°	972.0	959.9	972.0	996.3	996.3	1008.5	1008.5	996.3	972.0	947.7	935.6
37.5°	911.3	899.1	899.1	899.1	923.4	935.6	947.7	923.4	887.0	850.5	850.5
40°	862.7	862.7	850.5	850.5	850.5	874.8	899.1	862.7	814.1	801.9	801.9
42.5°	826.2	814.1	801.9	789.8	777.6	814.1	838.4	789.8	765.5	765.5	765.5
45°	789.8	777.6	765.5	753.3	741.2	753.3	777.6	729.0	716.9	716.9	716.9
47.5°	753.3	741.2	716.9	704.7	692.6	692.6	716.9	680.4	668.3	680.4	680.4
50°	729.0	704.7	680.4	668.3	656.1	656.1	656.1	644.0	644.0	644.0	656.1
52.5°	704.7	680.4	644.0	631.8	619.7	619.7	619.7	619.7	607.5	619.7	631.8
55°	668.3	644.0	619.7	607.5	595.4	583.2	595.4	583.2	583.2	595.4	595.4
57.5°	619.7	595.4	571.1	571.1	558.9	558.9	571.1	558.9	558.9	571.1	571.1
60°	583.2	558.9	534.6	534.6	522.5	534.6	546.8	534.6	534.6	534.6	546.8
62.5°	534.6	522.5	498.2	498.2	498.2	498.2	510.3	498.2	510.3	510.3	510.3
65°	498.2	473.9	461.7	461.7	461.7	461.7	486.0	461.7	473.9	473.9	473.9
67.5°	461.7	437.4	425.3	425.3	425.3	425.3	449.6	425.3	437.4	449.6	437.4
70°	425.3	401.0	388.8	388.8	388.8	388.8	401.0	388.8	388.8	401.0	401.0
72.5°	376.7	364.5	352.4	352.4	340.2	352.4	364.5	352.4	352.4	352.4	352.4
75°	340.2	328.1	328.1	315.9	315.9	315.9	328.1	303.8	303.8	303.8	303.8
77.5°	315.9	291.6	291.6	291.6	279.5	291.6	279.5	255.2	255.2	255.2	255.2
80°	267.3	243.0	255.2	255.2	243.0	243.0	230.9	206.6	206.6	206.6	206.6
82.5°	218.7	194.4	206.6	206.6	206.6	206.6	182.3	170.1	158.0	145.8	145.8
85°	194.4	158.0	182.3	182.3	170.1	170.1	121.5	121.5	97.2	97.2	85.1
87.5°	36.5	24.3	48.6	60.8	60.8	72.9	48.6	60.8	36.5	24.3	24.3
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°	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4
2.5°	7703.4	7837.1	8019.3	8153.0	8359.5	8517.5	8760.5	8967.1	9161.5	9246.5	9331.6
5°	6464.1	6549.1	6828.6	7047.3	7375.3	7727.7	8165.1	8639.0	9125.0	9343.7	9598.9
7.5°	4835.9	4993.8	5151.8	5467.7	5868.7	6439.8	6998.7	7703.4	8383.8	8711.9	9149.3
10°	3754.5	3876.0	4058.3	4386.3	4763.0	5236.9	5905.1	6743.5	7557.6	7982.9	8432.4
12.5°	3013.3	3183.4	3426.4	3766.6	4204.1	4690.1	5176.1	5953.7	6901.5	7387.5	7897.8
15°	2442.2	2575.9	2843.2	3268.5	3778.8	4277.0	4787.3	5431.3	6464.1	7023.0	7630.5
17.5°	1944.1	2041.3	2284.3	2709.6	3219.9	3778.8	4362.0	5176.1	6318.2	6998.7	7715.6
20°	1579.6	1652.5	1810.4	2126.3	2612.4	3219.9	3948.9	4933.1	6403.3	7278.1	8153.0
22.5°	1385.2	1409.5	1482.4	1652.5	2053.4	2697.4	3572.2	4726.5	6561.3	7691.3	8869.8
25°	1251.5	1275.8	1300.1	1409.5	1640.3	2247.8	3244.2	4605.0	6901.5	8298.8	9696.1
27.5°	1166.4	1190.7	1202.9	1251.5	1409.5	1919.8	2964.7	4532.1	7363.2	9185.8	10716.7
30°	1093.5	1093.5	1130.0	1202.9	1312.3	1688.9	2721.7	4362.0	7849.2	9926.9	11518.7
32.5°	1032.8	1044.9	1093.5	1130.0	1202.9	1494.5	2478.7	4143.3	8286.6	10534.5	12308.4
35°	923.4	923.4	935.6	996.3	1093.5	1336.6	2260.0	3924.6	8529.6	11129.8	13013.2
37.5°	850.5	862.7	887.0	935.6	1020.6	1227.2	2077.7	3681.6	8784.8	11688.8	13839.4
40°	801.9	814.1	838.4	887.0	972.0	1130.0	1919.8	3487.2	9052.1	12296.3	14726.4
42.5°	765.5	777.6	801.9	850.5	923.4	1105.7	1749.7	3329.2	9210.1	12855.2	15564.8
45°	729.0	741.2	777.6	826.2	887.0	1081.4	1652.5	3219.9	9270.8	13231.9	16233.0
47.5°	692.6	704.7	741.2	814.1	887.0	1044.9	1616.0	3159.1	9319.4	13657.1	16767.7
50°	656.1	680.4	729.0	801.9	899.1	996.3	1591.7	3147.0	9598.9	14203.9	17278.0
52.5°	631.8	668.3	716.9	801.9	887.0	923.4	1579.6	3183.4	10157.8	15018.0	18007.0
55°	607.5	644.0	692.6	801.9	850.5	862.7	1518.8	3244.2	11008.3	16148.0	19039.8
57.5°	583.2	607.5	668.3	777.6	801.9	814.1	1397.3	3329.2	11858.9	17253.7	20096.9
60°	546.8	571.1	631.8	777.6	729.0	765.5	1239.3	3353.5	12466.4	17606.0	20194.1
62.5°	510.3	534.6	595.4	801.9	668.3	716.9	1105.7	3268.5	12587.9	17095.7	19647.3
65°	473.9	498.2	546.8	668.3	619.7	668.3	1020.6	3037.6	12186.9	15929.3	18651.0
67.5°	437.4	461.7	498.2	546.8	558.9	607.5	984.2	2673.1	11178.4	14483.4	17290.1
70°	388.8	413.1	449.6	486.0	498.2	571.1	923.4	2320.7	9550.3	12551.4	15625.5
72.5°	352.4	364.5	401.0	425.3	449.6	522.5	887.0	2029.1	7302.4	10157.8	12745.9
75°	303.8	303.8	340.2	364.5	388.8	461.7	814.1	1688.9	5151.8	7752.0	9368.0
77.5°	255.2	255.2	279.5	303.8	328.1	401.0	692.6	1373.0	3572.2	6148.1	6792.1
80°	194.4	194.4	218.7	243.0	267.3	340.2	558.9	1008.5	2211.4	4495.7	4945.2
82.5°	133.7	133.7	170.1	182.3	194.4	267.3	425.3	692.6	1300.1	3244.2	3535.8
85°	72.9	72.9	97.2	109.4	133.7	194.4	315.9	486.0	777.6	2345.0	2357.2
87.5°	12.2	12.2	36.5	36.5	60.8	97.2	182.3	267.3	437.4	1300.1	826.2
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: P598743  
 CATALOG NUMBER: IFLD-S-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4	8675.4
2.5°	9489.5	9623.2	9635.3	9635.3	9574.6	9586.7	9416.6	9234.4	9173.6	9161.5
5°	9987.7	10340.1	10437.3	10485.9	10327.9	10084.9	9647.5	9173.6	8930.6	8894.1
7.5°	9890.5	10595.2	10971.9	11020.5	10704.6	10133.5	9368.0	8639.0	8359.5	8286.6
10°	9319.4	10267.2	10947.6	11117.7	10777.5	10048.4	9052.1	8201.6	7861.4	7800.6
12.5°	8918.4	9829.7	10498.0	10728.9	10570.9	9939.1	8894.1	7922.1	7581.9	7496.8
15°	8699.7	9538.1	9975.5	10048.4	10036.3	9769.0	8894.1	7982.9	7606.2	7509.0
17.5°	8882.0	9453.1	9513.8	9343.7	9440.9	9574.6	9088.6	8310.9	7946.4	7861.4
20°	9246.5	9416.6	9125.0	8869.8	8918.4	9343.7	9392.3	8930.6	8639.0	8493.2
22.5°	10012.0	9550.3	8882.0	8529.6	8566.1	9161.5	9793.3	9769.0	9513.8	9440.9
25°	10789.6	9926.9	8809.1	8396.0	8444.6	9125.0	10267.2	10704.6	10570.9	10534.5
27.5°	11652.3	10558.8	8857.7	8335.2	8396.0	9173.6	10595.2	11494.4	11518.7	11482.2
30°	12235.5	10862.5	9003.5	8408.1	8493.2	9295.1	10668.1	11968.2	12186.9	12199.1
32.5°	12721.5	11166.3	9307.3	8529.6	8675.4	9513.8	10862.5	12417.8	12903.8	12916.0
35°	13110.4	11506.5	9683.9	8748.3	8967.1	9878.3	11117.7	12843.1	13572.1	13657.1
37.5°	13608.5	11883.2	10121.3	9222.2	9465.2	10400.8	11567.3	13341.2	14361.9	14592.7
40°	14143.2	12259.8	10753.2	9987.7	10340.1	11178.4	12077.6	13900.1	15030.1	15346.1
42.5°	14738.5	12660.8	11470.0	11020.5	11555.1	12162.6	12660.8	14410.5	15540.5	15905.0
45°	15321.8	13146.8	12515.0	12429.9	13025.3	13329.1	13231.9	14775.0	16026.5	16391.0
47.5°	15734.9	13851.5	13778.6	14289.0	14847.9	14689.9	13900.1	15042.3	16427.4	16828.4
50°	16111.5	14726.4	15370.4	16366.7	16706.9	16172.3	14617.0	15406.8	16852.7	17302.3
52.5°	16670.5	15662.0	17010.7	18250.0	18578.1	17727.5	15394.7	16002.2	17508.8	17909.8
55°	17812.6	16719.1	18723.9	20145.5	20206.2	19149.2	16439.6	17010.7	18432.3	18894.0
57.5°	19088.4	18019.2	20084.7	21712.9	21688.6	20570.8	17618.2	18371.5	19683.8	19999.7
60°	20242.7	19331.4	21567.1	22830.7	22770.0	21603.5	18991.2	19914.6	21117.5	21360.5
62.5°	20923.1	20522.2	22223.2	23183.1	22952.3	21943.8	20157.6	21287.6	22138.2	22223.2
65°	20813.8	21202.6	21457.7	22053.1	21725.1	20996.0	20728.7	22162.5	22247.5	22162.5
67.5°	19987.5	20813.8	19355.7	19416.5	19246.4	18626.7	19841.7	21931.6	21348.4	21141.8
70°	18736.0	18796.8	16184.4	15419.0	15686.3	14835.7	17022.8	20133.3	19234.2	18979.0
72.5°	16658.3	15905.0	12235.5	11457.9	11858.9	11251.3	13657.1	17545.3	16670.5	15844.2
75°	13973.0	12600.0	9319.4	8213.7	8420.3	8396.0	10583.1	14495.5	12916.0	12089.7
77.5°	10826.1	9817.6	6877.2	6451.9	6233.2	6281.8	7387.5	10777.5	9368.0	8335.2
80°	7910.0	6865.0	5321.9	5564.9	5443.4	5151.8	5176.1	7217.4	6512.7	5893.0
82.5°	5467.7	4884.5	4313.4	4872.3	4580.7	4131.2	4034.0	5200.4	4884.5	4507.8
85°	3669.4	4021.8	3426.4	3730.2	3232.0	2976.9	3790.9	4349.9	3511.5	3134.8
87.5°	2393.6	3681.6	2466.5	1871.2	1069.2	1433.8	2320.7	2855.4	1640.3	887.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)