

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: P598682

Luminaire Tested: **IFLD-S-SA3D-735-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598682  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3D-735-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (48) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

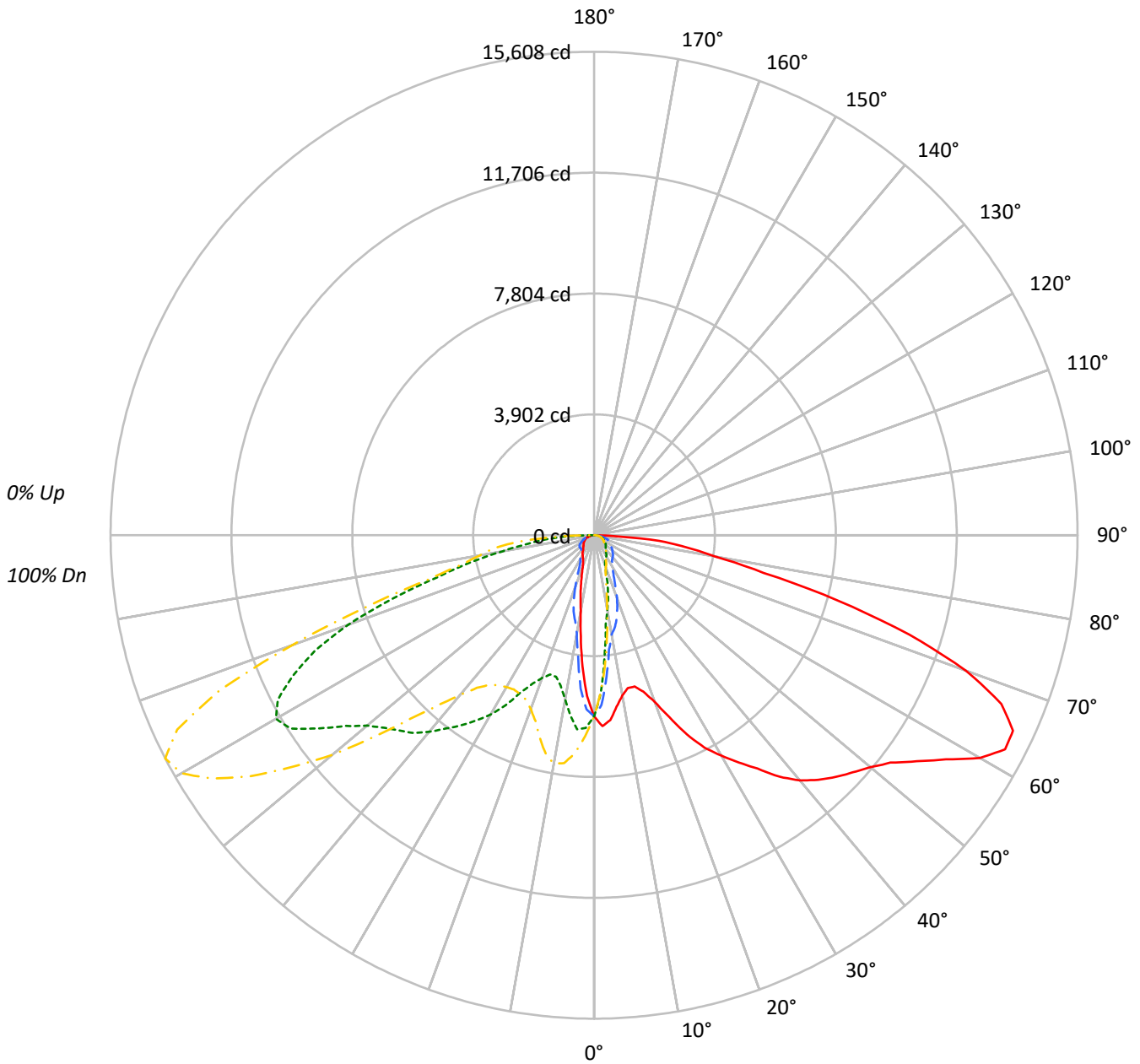
Lumens per Lamp: N/A  
 Luminaire Lumens: 19552.8 lumens  
 Efficiency: N/A  
 Efficacy: 106.2 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 184.1  
 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

TEST NUMBER: P598682  
CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - · - 90°-270°    - · · - 135°-315°

TEST NUMBER: P598682

CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR

**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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77	77	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59	59	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46	46	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36	36	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30	30	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25	25	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21	21	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18	18	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16	16	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14	14	14

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

	0°	90°	180°	270°
0°	83827	83827	83827	83827
5°	86267	56098	61283	90628
10°	76536	35645	36003	78324
15°	75115	25281	23944	70254
20°	87332	15992	16118	74837
25°	112312	13731	13343	88476
30°	136109	13014	12200	110758
35°	161097	11465	11036	131284
40°	193567	10881	10115	155098
45°	223979	10792	9795	180811
50°	260092	10958	9862	213516
55°	318289	11257	10029	272029
60°	412792	11272	10566	340237
65°	506709	11390	10833	364198
70°	536183	12014	11330	354592
75°	451347	12704	11340	289407
80°	327911	14877	11497	250154
85°	347535	21555	9436	259980

TEST NUMBER: P598682  
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	452.0	2.3
10°-20°	946.0	4.8
20°-30°	1363.3	7.0
30°-40°	1962.6	10.0
40°-50°	2787.8	14.3
50°-60°	4008.1	20.5
60°-70°	4630.6	23.7
70°-80°	2622.0	13.4
80°-90°	780.3	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°	2761.4	14.1
0°-40°	4724.0	24.2
0°-60°	11519.9	58.9
0°-90°	19552.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19552.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5841	5841	5841	5841	5841	
5°	5988	3894	4254	6291	5988	543
15°	5056	1702	1612	4728	5056	1487
25°	7092	867	843	5587	7092	3292
35°	9195	654	630	7493	9195	5835
45°	11035	532	483	8908	11035	8545
55°	12720	450	401	10872	12720	11520
65°	14921	335	319	10724	14921	14308
75°	8140	229	204	5219	8140	8636
85°	2110	131	57	1579	2110	2102
90°	0	0	0	0	0	

TEST NUMBER: P598682  
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8
2.5°	6168.0	6159.8	6110.7	5955.3	5791.7	5636.3	5489.0	5333.6	5251.8	5153.6	5112.7
5°	5988.0	5971.7	5832.6	5489.0	5186.4	4859.1	4581.0	4360.1	4180.2	4000.2	3934.8
7.5°	5579.0	5554.5	5390.9	4916.4	4474.7	4049.3	3713.9	3427.6	3190.3	3084.0	2961.3
10°	5251.8	5210.9	4998.2	4474.7	3902.0	3476.7	3255.8	3059.5	2855.0	2683.2	2503.2
12.5°	5047.3	4998.2	4777.3	4163.8	3607.5	3288.5	3059.5	2838.6	2585.0	2372.3	2176.0
15°	5055.5	4998.2	4728.3	4082.0	3533.9	3124.9	2805.9	2503.2	2208.7	1971.5	1750.6
17.5°	5292.7	5219.1	4932.8	4196.5	3476.7	2912.2	2486.8	2094.2	1758.8	1505.2	1325.2
20°	5718.1	5669.0	5341.8	4368.3	3419.4	2683.2	2159.6	1685.2	1333.4	1137.1	1063.4
22.5°	6356.2	6298.9	5947.1	4630.1	3403.0	2478.7	1807.9	1325.2	1071.6	989.8	948.9
25°	7092.4	6986.0	6658.8	5071.8	3435.8	2290.5	1521.6	1096.2	957.1	899.8	875.3
27.5°	7730.5	7665.0	7296.9	5489.0	3452.1	2143.3	1325.2	998.0	891.7	842.6	826.2
30°	8213.1	8188.6	7828.6	5947.1	3411.2	1963.3	1202.5	957.1	891.7	842.6	793.5
32.5°	8695.7	8703.9	8319.4	6298.9	3354.0	1807.9	1088.0	850.8	785.3	752.6	760.8
35°	9194.8	9235.7	8908.4	6642.5	3231.3	1750.6	1006.2	793.5	736.2	687.2	662.6
37.5°	9824.6	9931.0	9611.9	7026.9	3108.5	1701.5	965.3	752.6	695.3	654.4	621.7
40°	10331.8	10528.2	10340.0	7386.9	3026.7	1644.3	932.6	711.7	670.8	621.7	597.2
42.5°	10708.1	10937.2	10871.7	7665.0	3026.7	1587.0	899.8	687.2	654.4	597.2	564.4
45°	11035.3	11272.6	11264.4	7951.3	3092.2	1554.3	858.9	687.2	638.1	580.8	548.1
47.5°	11329.8	11567.1	11648.9	8311.3	3198.5	1537.9	809.9	670.8	638.1	572.6	523.5
50°	11648.9	11910.6	12156.0	8883.9	3329.4	1497.0	777.1	646.3	646.3	564.4	507.2
52.5°	12057.9	12352.4	12802.3	9595.6	3460.3	1423.4	728.1	629.9	646.3	556.3	490.8
55°	12720.5	12965.9	13554.9	10446.3	3623.9	1333.4	687.2	589.0	613.5	531.7	466.3
57.5°	13464.9	13677.6	14168.4	11100.8	3673.0	1218.9	629.9	548.1	589.0	507.2	433.6
60°	14381.1	14487.5	14487.5	11288.9	3509.4	1112.5	589.0	515.4	531.7	482.6	409.0
62.5°	14961.9	14961.9	14487.5	10945.4	3198.5	1022.5	556.3	482.6	466.3	449.9	384.5
65°	14921.0	14855.6	14152.1	9947.3	2838.6	965.3	523.5	441.7	417.2	409.0	359.9
67.5°	14233.9	14119.3	13162.2	8540.3	2462.3	940.7	490.8	400.8	384.5	368.1	327.2
70°	12777.8	12483.3	11305.3	6871.5	2094.2	924.4	482.6	368.1	351.8	335.4	302.7
72.5°	10667.2	10290.9	8826.6	5284.5	1758.8	867.1	458.1	327.2	319.0	302.7	270.0
75°	8139.5	7444.1	6159.8	4041.1	1366.1	752.6	392.7	286.3	286.3	278.1	245.4
77.5°	5611.7	5251.8	4294.7	2985.8	998.0	580.8	319.0	253.6	253.6	261.8	229.1
80°	3967.5	3632.1	3059.5	2143.3	629.9	392.7	245.4	212.7	237.2	253.6	212.7
82.5°	3034.9	2789.5	2274.1	1562.5	368.1	270.0	188.1	171.8	204.5	220.9	180.0
85°	2110.5	1816.0	1153.4	1047.1	212.7	163.6	139.1	139.1	180.0	220.9	163.6
87.5°	597.2	253.6	73.6	310.9	90.0	65.4	49.1	32.7	49.1	49.1	32.7
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: P598682  
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8
2.5°	5071.8	5022.8	5022.8	5006.4	5014.6	5022.8	5014.6	5071.8	5096.4	5129.1	5194.5
5°	3893.9	3959.3	3910.2	3959.3	4024.7	4122.9	4147.5	4221.1	4229.3	4286.5	4253.8
7.5°	2887.7	2879.5	2838.6	2895.9	3075.8	3214.9	3280.3	3321.2	3329.4	3329.4	3288.5
10°	2445.9	2372.3	2298.7	2257.8	2274.1	2421.4	2470.5	2495.0	2478.7	2503.2	2470.5
12.5°	2094.2	2028.7	1922.4	1848.8	1799.7	1840.6	1889.7	1914.2	1930.6	1971.5	2004.2
15°	1701.5	1636.1	1570.6	1529.7	1488.8	1456.1	1497.0	1521.6	1562.5	1595.2	1611.5
17.5°	1292.5	1259.8	1227.1	1251.6	1251.6	1235.2	1251.6	1259.8	1276.1	1300.7	1292.5
20°	1047.1	1038.9	1030.7	1071.6	1104.4	1104.4	1120.7	1096.2	1088.0	1063.4	1055.3
22.5°	932.6	932.6	940.7	973.5	1006.2	1022.5	1022.5	981.6	940.7	924.4	932.6
25°	867.1	867.1	891.7	899.8	916.2	916.2	924.4	883.5	858.9	834.4	842.6
27.5°	818.0	818.0	826.2	826.2	834.4	834.4	842.6	826.2	793.5	785.3	785.3
30°	785.3	785.3	777.1	777.1	777.1	777.1	785.3	760.8	744.4	736.2	736.2
32.5°	752.6	744.4	736.2	736.2	728.1	728.1	736.2	711.7	703.5	703.5	703.5
35°	654.4	646.3	654.4	670.8	670.8	679.0	679.0	670.8	654.4	638.1	629.9
37.5°	613.5	605.3	605.3	605.3	621.7	629.9	638.1	621.7	597.2	572.6	572.6
40°	580.8	580.8	572.6	572.6	572.6	589.0	605.3	580.8	548.1	539.9	539.9
42.5°	556.3	548.1	539.9	531.7	523.5	548.1	564.4	531.7	515.4	515.4	515.4
45°	531.7	523.5	515.4	507.2	499.0	507.2	523.5	490.8	482.6	482.6	482.6
47.5°	507.2	499.0	482.6	474.5	466.3	466.3	482.6	458.1	449.9	458.1	458.1
50°	490.8	474.5	458.1	449.9	441.7	441.7	441.7	433.6	433.6	433.6	441.7
52.5°	474.5	458.1	433.6	425.4	417.2	417.2	417.2	417.2	409.0	417.2	425.4
55°	449.9	433.6	417.2	409.0	400.8	392.7	400.8	392.7	392.7	400.8	400.8
57.5°	417.2	400.8	384.5	384.5	376.3	376.3	384.5	376.3	376.3	384.5	384.5
60°	392.7	376.3	359.9	359.9	351.8	359.9	368.1	359.9	359.9	359.9	368.1
62.5°	359.9	351.8	335.4	335.4	335.4	335.4	343.6	335.4	343.6	343.6	343.6
65°	335.4	319.0	310.9	310.9	310.9	310.9	327.2	310.9	319.0	319.0	319.0
67.5°	310.9	294.5	286.3	286.3	286.3	286.3	302.7	286.3	294.5	302.7	294.5
70°	286.3	270.0	261.8	261.8	261.8	261.8	270.0	261.8	261.8	270.0	270.0
72.5°	253.6	245.4	237.2	237.2	229.1	237.2	245.4	237.2	237.2	237.2	237.2
75°	229.1	220.9	220.9	212.7	212.7	212.7	220.9	204.5	204.5	204.5	204.5
77.5°	212.7	196.3	196.3	196.3	188.1	196.3	188.1	171.8	171.8	171.8	171.8
80°	180.0	163.6	171.8	171.8	163.6	163.6	155.4	139.1	139.1	139.1	139.1
82.5°	147.2	130.9	139.1	139.1	139.1	139.1	122.7	114.5	106.3	98.2	98.2
85°	130.9	106.3	122.7	122.7	114.5	114.5	81.8	81.8	65.4	65.4	57.3
87.5°	24.5	16.4	32.7	40.9	40.9	49.1	32.7	40.9	24.5	16.4	16.4
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: P598682  
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8
2.5°	5186.4	5276.3	5399.1	5489.0	5628.1	5734.4	5898.1	6037.1	6168.0	6225.3	6282.5
5°	4352.0	4409.2	4597.4	4744.6	4965.5	5202.7	5497.2	5816.3	6143.5	6290.7	6462.5
7.5°	3255.8	3362.1	3468.5	3681.2	3951.1	4335.6	4711.9	5186.4	5644.5	5865.3	6159.8
10°	2527.7	2609.5	2732.2	2953.1	3206.7	3525.7	3975.7	4540.1	5088.2	5374.5	5677.2
12.5°	2028.7	2143.3	2306.9	2535.9	2830.4	3157.6	3484.8	4008.4	4646.5	4973.7	5317.2
15°	1644.3	1734.2	1914.2	2200.5	2544.1	2879.5	3223.1	3656.6	4352.0	4728.3	5137.3
17.5°	1308.9	1374.3	1537.9	1824.2	2167.8	2544.1	2936.8	3484.8	4253.8	4711.9	5194.5
20°	1063.4	1112.5	1218.9	1431.6	1758.8	2167.8	2658.6	3321.2	4311.1	4900.0	5489.0
22.5°	932.6	948.9	998.0	1112.5	1382.5	1816.0	2405.0	3182.2	4417.4	5178.2	5971.7
25°	842.6	858.9	875.3	948.9	1104.4	1513.4	2184.2	3100.4	4646.5	5587.2	6527.9
27.5°	785.3	801.7	809.9	842.6	948.9	1292.5	1996.0	3051.3	4957.3	6184.4	7215.1
30°	736.2	736.2	760.8	809.9	883.5	1137.1	1832.4	2936.8	5284.5	6683.4	7755.0
32.5°	695.3	703.5	736.2	760.8	809.9	1006.2	1668.8	2789.5	5579.0	7092.4	8286.7
35°	621.7	621.7	629.9	670.8	736.2	899.8	1521.6	2642.3	5742.6	7493.2	8761.2
37.5°	572.6	580.8	597.2	629.9	687.2	826.2	1398.8	2478.7	5914.4	7869.5	9317.5
40°	539.9	548.1	564.4	597.2	654.4	760.8	1292.5	2347.8	6094.4	8278.5	9914.6
42.5°	515.4	523.5	539.9	572.6	621.7	744.4	1178.0	2241.4	6200.7	8654.8	10479.1
45°	490.8	499.0	523.5	556.3	597.2	728.1	1112.5	2167.8	6241.6	8908.4	10929.0
47.5°	466.3	474.5	499.0	548.1	597.2	703.5	1088.0	2126.9	6274.4	9194.8	11288.9
50°	441.7	458.1	490.8	539.9	605.3	670.8	1071.6	2118.7	6462.5	9562.9	11632.5
52.5°	425.4	449.9	482.6	539.9	597.2	621.7	1063.4	2143.3	6838.8	10111.0	12123.3
55°	409.0	433.6	466.3	539.9	572.6	580.8	1022.5	2184.2	7411.4	10871.7	12818.7
57.5°	392.7	409.0	449.9	523.5	539.9	548.1	940.7	2241.4	7984.1	11616.1	13530.4
60°	368.1	384.5	425.4	523.5	490.8	515.4	834.4	2257.8	8393.1	11853.4	13595.8
62.5°	343.6	359.9	400.8	539.9	449.9	482.6	744.4	2200.5	8474.9	11509.8	13227.7
65°	319.0	335.4	368.1	449.9	417.2	449.9	687.2	2045.1	8204.9	10724.5	12556.9
67.5°	294.5	310.9	335.4	368.1	376.3	409.0	662.6	1799.7	7526.0	9751.0	11640.7
70°	261.8	278.1	302.7	327.2	335.4	384.5	621.7	1562.5	6429.8	8450.3	10520.0
72.5°	237.2	245.4	270.0	286.3	302.7	351.8	597.2	1366.1	4916.4	6838.8	8581.2
75°	204.5	204.5	229.1	245.4	261.8	310.9	548.1	1137.1	3468.5	5219.1	6307.1
77.5°	171.8	171.8	188.1	204.5	220.9	270.0	466.3	924.4	2405.0	4139.3	4572.8
80°	130.9	130.9	147.2	163.6	180.0	229.1	376.3	679.0	1488.8	3026.7	3329.4
82.5°	90.0	90.0	114.5	122.7	130.9	180.0	286.3	466.3	875.3	2184.2	2380.5
85°	49.1	49.1	65.4	73.6	90.0	130.9	212.7	327.2	523.5	1578.8	1587.0
87.5°	8.2	8.2	24.5	24.5	40.9	65.4	122.7	180.0	294.5	875.3	556.3
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: P598682  
 CATALOG NUMBER: IFLD-S-SA3D-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8	5840.8
2.5°	6388.9	6478.9	6487.0	6487.0	6446.1	6454.3	6339.8	6217.1	6176.2	6168.0
5°	6724.3	6961.5	7026.9	7059.7	6953.3	6789.7	6495.2	6176.2	6012.6	5988.0
7.5°	6658.8	7133.3	7386.9	7419.6	7206.9	6822.4	6307.1	5816.3	5628.1	5579.0
10°	6274.4	6912.4	7370.5	7485.1	7256.0	6765.2	6094.4	5521.8	5292.7	5251.8
12.5°	6004.4	6617.9	7067.9	7223.3	7116.9	6691.6	5988.0	5333.6	5104.6	5047.3
15°	5857.2	6421.6	6716.1	6765.2	6757.0	6577.0	5988.0	5374.5	5120.9	5055.5
17.5°	5979.9	6364.3	6405.2	6290.7	6356.2	6446.1	6118.9	5595.4	5350.0	5292.7
20°	6225.3	6339.8	6143.5	5971.7	6004.4	6290.7	6323.4	6012.6	5816.3	5718.1
22.5°	6740.6	6429.8	5979.9	5742.6	5767.2	6168.0	6593.4	6577.0	6405.2	6356.2
25°	7264.2	6683.4	5930.8	5652.6	5685.4	6143.5	6912.4	7206.9	7116.9	7092.4
27.5°	7845.0	7108.8	5963.5	5611.7	5652.6	6176.2	7133.3	7738.6	7755.0	7730.5
30°	8237.6	7313.3	6061.7	5660.8	5718.1	6258.0	7182.4	8057.7	8204.9	8213.1
32.5°	8564.9	7517.8	6266.2	5742.6	5840.8	6405.2	7313.3	8360.4	8687.6	8695.7
35°	8826.6	7746.8	6519.8	5889.9	6037.1	6650.7	7485.1	8646.7	9137.5	9194.8
37.5°	9162.0	8000.4	6814.3	6208.9	6372.5	7002.4	7787.7	8982.1	9669.2	9824.6
40°	9522.0	8254.0	7239.6	6724.3	6961.5	7526.0	8131.3	9358.4	10119.1	10331.8
42.5°	9922.8	8524.0	7722.3	7419.6	7779.5	8188.6	8524.0	9701.9	10462.7	10708.1
45°	10315.5	8851.2	8425.8	8368.5	8769.4	8973.9	8908.4	9947.3	10789.9	11035.3
47.5°	10593.6	9325.6	9276.6	9620.1	9996.4	9890.1	9358.4	10127.3	11059.9	11329.8
50°	10847.2	9914.6	10348.2	11019.0	11248.0	10888.1	9841.0	10372.7	11346.2	11648.9
52.5°	11223.5	10544.5	11452.5	12286.9	12507.8	11935.2	10364.5	10773.6	11787.9	12057.9
55°	11992.4	11256.2	12606.0	13563.1	13604.0	12892.3	11068.1	11452.5	12409.6	12720.5
57.5°	12851.4	12131.5	13522.2	14618.3	14602.0	13849.4	11861.6	12368.7	13252.2	13464.9
60°	13628.5	13015.0	14520.2	15370.9	15330.0	14544.7	12785.9	13407.6	14217.5	14381.1
62.5°	14086.6	13816.7	14961.9	15608.2	15452.7	14773.8	13571.3	14332.0	14904.7	14961.9
65°	14013.0	14274.8	14446.6	14847.4	14626.5	14135.7	13955.7	14921.0	14978.3	14921.0
67.5°	13456.7	14013.0	13031.3	13072.3	12957.7	12540.5	13358.6	14765.6	14372.9	14233.9
70°	12614.2	12655.1	10896.3	10380.9	10560.9	9988.2	11460.7	13554.9	12949.5	12777.8
72.5°	11215.3	10708.1	8237.6	7714.1	7984.1	7575.0	9194.8	11812.5	11223.5	10667.2
75°	9407.4	8483.1	6274.4	5529.9	5669.0	5652.6	7125.1	9759.2	8695.7	8139.5
77.5°	7288.7	6609.7	4630.1	4343.8	4196.5	4229.3	4973.7	7256.0	6307.1	5611.7
80°	5325.4	4621.9	3583.0	3746.6	3664.8	3468.5	3484.8	4859.1	4384.7	3967.5
82.5°	3681.2	3288.5	2904.0	3280.3	3084.0	2781.3	2715.9	3501.2	3288.5	3034.9
85°	2470.5	2707.7	2306.9	2511.4	2176.0	2004.2	2552.3	2928.6	2364.1	2110.5
87.5°	1611.5	2478.7	1660.6	1259.8	719.9	965.3	1562.5	1922.4	1104.4	597.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)