

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: P598691

Luminaire Tested: **IFLD-M-SA4C-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: P598691  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4C-735-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (64) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

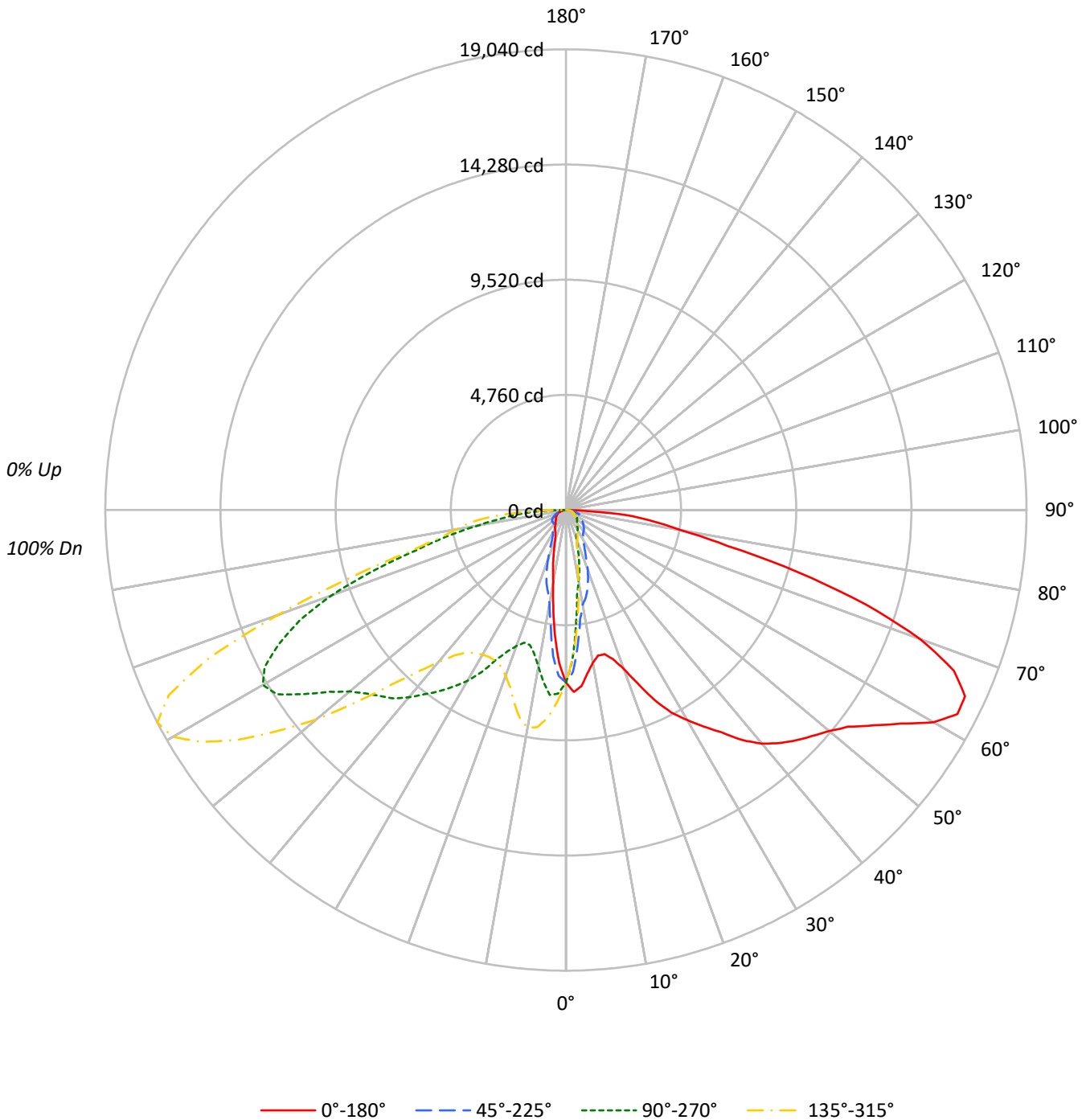
Lumens per Lamp: N/A  
 Luminaire Lumens: 23852.1 lumens  
 Efficiency: N/A  
 Efficacy: 109.4 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 218.1  
 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: P598691  
CATALOG NUMBER: IFLD-M-SA4C-735-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
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°	76693	76693	76693	76693
5°	78928	51324	56068	82917
10°	70024	32612	32940	71659
15°	68724	23130	21907	64275
20°	79901	14631	14746	68471
25°	102755	12563	12207	80948
30°	124527	11907	11163	101333
35°	147388	10490	10097	120113
40°	177097	9955	9254	141901
45°	204922	9873	8963	165426
50°	237959	10026	9024	195347
55°	291204	10299	9177	248883
60°	377667	10312	9668	311286
65°	463592	10420	9913	333206
70°	490557	10993	10364	324422
75°	412941	11620	10376	264778
80°	300004	13606	10513	228874
85°	317968	19723	8633	237865

TEST NUMBER: P598691  
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLR

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	551.4	2.3
10°-20°	1154.0	4.8
20°-30°	1663.1	7.0
30°-40°	2394.2	10.0
40°-50°	3400.8	14.3
50°-60°	4889.4	20.5
60°-70°	5648.8	23.7
70°-80°	3198.5	13.4
80°-90°	951.9	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°	3368.6	14.1
0°-40°	5762.8	24.2
0°-60°	14052.9	58.9
0°-90°	23852.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	23852.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7125	7125	7125	7125	7125	
5°	7305	4750	5189	7674	7305	663
15°	6167	2076	1966	5768	6167	1813
25°	8652	1058	1028	6816	8652	4016
35°	11216	798	768	9141	11216	7119
45°	13462	649	589	10867	13462	10424
55°	15517	549	489	13262	15517	14053
65°	18202	409	389	13082	18202	17454
75°	9929	279	250	6367	9929	10535
85°	2575	160	70	1926	2575	2564
90°	0	0	0	0	0	

TEST NUMBER: P598691  
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLR

**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0
2.5°	7524.2	7514.2	7454.4	7264.8	7065.2	6875.6	6695.9	6506.3	6406.6	6286.8	6236.9
5°	7304.7	7284.7	7115.1	6695.9	6326.7	5927.6	5588.3	5318.8	5099.3	4879.8	4799.9
7.5°	6805.7	6775.8	6576.2	5997.4	5458.5	4939.6	4530.5	4181.2	3891.8	3762.1	3612.4
10°	6406.6	6356.7	6097.2	5458.5	4760.0	4241.1	3971.7	3732.2	3482.7	3273.1	3053.6
12.5°	6157.1	6097.2	5827.8	5079.3	4400.8	4011.6	3732.2	3462.7	3153.4	2893.9	2654.4
15°	6167.1	6097.2	5767.9	4979.6	4311.0	3812.0	3422.8	3053.6	2694.3	2405.0	2135.5
17.5°	6456.5	6366.6	6017.4	5119.3	4241.1	3552.5	3033.6	2554.6	2145.5	1836.1	1616.6
20°	6975.4	6915.5	6516.3	5328.8	4171.2	3273.1	2634.5	2055.7	1626.6	1387.1	1297.3
22.5°	7753.7	7683.9	7254.8	5648.1	4151.3	3023.7	2205.4	1616.6	1307.3	1207.5	1157.6
25°	8651.8	8522.1	8123.0	6187.0	4191.2	2794.1	1856.1	1337.2	1167.5	1097.7	1067.8
27.5°	9430.2	9350.4	8901.3	6695.9	4211.2	2614.5	1616.6	1217.4	1087.7	1027.8	1007.9
30°	10019.0	9989.0	9550.0	7254.8	4161.3	2395.0	1466.9	1167.5	1087.7	1027.8	968.0
32.5°	10607.7	10617.7	10148.7	7683.9	4091.4	2205.4	1327.2	1037.8	958.0	918.1	928.1
35°	11216.5	11266.4	10867.2	8103.0	3941.7	2135.5	1227.4	968.0	898.1	838.2	808.3
37.5°	11984.9	12114.6	11725.4	8572.0	3792.0	2075.6	1177.5	918.1	848.2	798.3	758.4
40°	12603.6	12843.0	12613.5	9011.1	3692.3	2005.8	1137.6	868.2	818.3	758.4	728.5
42.5°	13062.6	13342.0	13262.2	9350.4	3692.3	1935.9	1097.7	838.2	798.3	728.5	688.6
45°	13461.8	13751.1	13741.2	9699.6	3772.1	1896.0	1047.8	838.2	778.4	708.5	668.6
47.5°	13821.0	14110.4	14210.2	10138.7	3901.8	1876.1	987.9	818.3	778.4	698.5	638.7
50°	14210.2	14529.5	14828.9	10837.3	4061.5	1826.2	948.0	788.3	788.3	688.6	618.7
52.5°	14709.1	15068.4	15617.2	11705.4	4221.1	1736.4	888.1	768.4	788.3	678.6	598.7
55°	15517.4	15816.8	16535.3	12743.3	4420.7	1626.6	838.2	718.5	748.4	648.6	568.8
57.5°	16425.5	16685.0	17283.7	13541.6	4480.6	1486.9	768.4	668.6	718.5	618.7	528.9
60°	17543.2	17672.9	17672.9	13771.1	4281.0	1357.2	718.5	628.7	648.6	588.8	499.0
62.5°	18251.7	18251.7	17672.9	13352.0	3901.8	1247.4	678.6	588.8	568.8	548.8	469.0
65°	18201.8	18122.0	17263.8	12134.5	3462.7	1177.5	638.7	538.9	508.9	499.0	439.1
67.5°	17363.6	17223.9	16056.3	10418.1	3003.7	1147.6	598.7	489.0	469.0	449.1	399.2
70°	15587.3	15228.0	13791.1	8382.4	2554.6	1127.6	588.8	449.1	429.1	409.1	369.2
72.5°	13012.7	12553.7	10767.4	6446.5	2145.5	1057.8	558.8	399.2	389.2	369.2	329.3
75°	9929.2	9080.9	7514.2	4929.7	1666.5	918.1	479.0	349.3	349.3	339.3	299.4
77.5°	6845.6	6406.6	5239.0	3642.4	1217.4	708.5	389.2	309.4	309.4	319.3	279.4
80°	4839.8	4430.7	3732.2	2614.5	768.4	479.0	299.4	259.5	289.4	309.4	259.5
82.5°	3702.2	3402.9	2774.2	1906.0	449.1	329.3	229.5	209.6	249.5	269.4	219.5
85°	2574.6	2215.4	1407.0	1277.3	259.5	199.6	169.6	169.6	219.5	269.4	199.6
87.5°	728.5	309.4	89.8	379.2	109.8	79.8	59.9	39.9	59.9	59.9	39.9
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: P598691  
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0
2.5°	6187.0	6127.1	6127.1	6107.2	6117.2	6127.1	6117.2	6187.0	6217.0	6256.9	6336.7
5°	4750.0	4829.9	4770.0	4829.9	4909.7	5029.4	5059.4	5149.2	5159.2	5229.0	5189.1
7.5°	3522.6	3512.6	3462.7	3532.6	3752.1	3921.8	4001.6	4051.5	4061.5	4061.5	4011.6
10°	2983.7	2893.9	2804.1	2754.2	2774.2	2953.8	3013.7	3043.6	3023.7	3053.6	3013.7
12.5°	2554.6	2474.8	2345.1	2255.3	2195.4	2245.3	2305.2	2335.1	2355.1	2405.0	2444.9
15°	2075.6	1995.8	1916.0	1866.1	1816.2	1776.3	1826.2	1856.1	1906.0	1945.9	1965.9
17.5°	1576.7	1536.8	1496.9	1526.8	1526.8	1506.8	1526.8	1536.8	1556.7	1586.7	1576.7
20°	1277.3	1267.3	1257.4	1307.3	1347.2	1347.2	1367.1	1337.2	1327.2	1297.3	1287.3
22.5°	1137.6	1137.6	1147.6	1187.5	1227.4	1247.4	1247.4	1197.5	1147.6	1127.6	1137.6
25°	1057.8	1057.8	1087.7	1097.7	1117.7	1117.7	1127.6	1077.7	1047.8	1017.9	1027.8
27.5°	997.9	997.9	1007.9	1007.9	1017.9	1017.9	1027.8	1007.9	968.0	958.0	958.0
30°	958.0	958.0	948.0	948.0	948.0	948.0	958.0	928.1	908.1	898.1	898.1
32.5°	918.1	908.1	898.1	898.1	888.1	888.1	898.1	868.2	858.2	858.2	858.2
35°	798.3	788.3	798.3	818.3	818.3	828.3	828.3	818.3	798.3	778.4	768.4
37.5°	748.4	738.5	738.5	738.5	758.4	768.4	778.4	758.4	728.5	698.5	698.5
40°	708.5	708.5	698.5	698.5	698.5	718.5	738.5	708.5	668.6	658.6	658.6
42.5°	678.6	668.6	658.6	648.6	638.7	668.6	688.6	648.6	628.7	628.7	628.7
45°	648.6	638.7	628.7	618.7	608.7	618.7	638.7	598.7	588.8	588.8	588.8
47.5°	618.7	608.7	588.8	578.8	568.8	568.8	588.8	558.8	548.8	558.8	558.8
50°	598.7	578.8	558.8	548.8	538.9	538.9	538.9	528.9	528.9	528.9	538.9
52.5°	578.8	558.8	528.9	518.9	508.9	508.9	508.9	508.9	499.0	508.9	518.9
55°	548.8	528.9	508.9	499.0	489.0	479.0	489.0	479.0	479.0	489.0	489.0
57.5°	508.9	489.0	469.0	469.0	459.0	459.0	469.0	459.0	459.0	469.0	469.0
60°	479.0	459.0	439.1	439.1	429.1	439.1	449.1	439.1	439.1	439.1	449.1
62.5°	439.1	429.1	409.1	409.1	409.1	409.1	419.1	409.1	419.1	419.1	419.1
65°	409.1	389.2	379.2	379.2	379.2	379.2	399.2	379.2	389.2	389.2	389.2
67.5°	379.2	359.2	349.3	349.3	349.3	349.3	369.2	349.3	359.2	369.2	359.2
70°	349.3	329.3	319.3	319.3	319.3	319.3	329.3	319.3	319.3	329.3	329.3
72.5°	309.4	299.4	289.4	289.4	279.4	289.4	299.4	289.4	289.4	289.4	289.4
75°	279.4	269.4	269.4	259.5	259.5	259.5	269.4	249.5	249.5	249.5	249.5
77.5°	259.5	239.5	239.5	239.5	229.5	239.5	229.5	209.6	209.6	209.6	209.6
80°	219.5	199.6	209.6	209.6	199.6	199.6	189.6	169.6	169.6	169.6	169.6
82.5°	179.6	159.7	169.6	169.6	169.6	169.6	149.7	139.7	129.7	119.7	119.7
85°	159.7	129.7	149.7	149.7	139.7	139.7	99.8	99.8	79.8	79.8	69.9
87.5°	29.9	20.0	39.9	49.9	49.9	59.9	39.9	49.9	29.9	20.0	20.0
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: P598691  
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0
2.5°	6326.7	6436.5	6586.2	6695.9	6865.6	6995.3	7194.9	7364.5	7524.2	7594.1	7663.9
5°	5308.9	5378.7	5608.2	5787.9	6057.3	6346.7	6705.9	7095.1	7494.3	7673.9	7883.5
7.5°	3971.7	4101.4	4231.1	4490.6	4819.9	5288.9	5747.9	6326.7	6885.6	7155.0	7514.2
10°	3083.5	3183.3	3333.0	3602.4	3911.8	4301.0	4849.8	5538.4	6207.0	6556.2	6925.5
12.5°	2474.8	2614.5	2814.1	3093.5	3452.8	3851.9	4251.1	4889.7	5668.1	6067.3	6486.4
15°	2005.8	2115.6	2335.1	2684.4	3103.5	3512.6	3931.7	4460.6	5308.9	5767.9	6266.8
17.5°	1596.6	1676.5	1876.1	2225.3	2644.5	3103.5	3582.5	4251.1	5189.1	5747.9	6336.7
20°	1297.3	1357.2	1486.9	1746.3	2145.5	2644.5	3243.2	4051.5	5259.0	5977.5	6695.9
22.5°	1137.6	1157.6	1217.4	1357.2	1686.5	2215.4	2933.8	3881.9	5388.7	6316.7	7284.7
25°	1027.8	1047.8	1067.8	1157.6	1347.2	1846.1	2664.4	3782.1	5668.1	6815.7	7963.3
27.5°	958.0	977.9	987.9	1027.8	1157.6	1576.7	2434.9	3722.2	6047.3	7544.2	8801.5
30°	898.1	898.1	928.1	987.9	1077.7	1387.1	2235.3	3582.5	6446.5	8152.9	9460.1
32.5°	848.2	858.2	898.1	928.1	987.9	1227.4	2035.7	3402.9	6805.7	8651.8	10108.8
35°	758.4	758.4	768.4	818.3	898.1	1097.7	1856.1	3223.2	7005.3	9140.8	10687.6
37.5°	698.5	708.5	728.5	768.4	838.2	1007.9	1706.4	3023.7	7214.9	9599.9	11366.1
40°	658.6	668.6	688.6	728.5	798.3	928.1	1576.7	2864.0	7434.4	10098.8	12094.6
42.5°	628.7	638.7	658.6	698.5	758.4	908.1	1437.0	2734.3	7564.1	10557.8	12783.2
45°	598.7	608.7	638.7	678.6	728.5	888.1	1357.2	2644.5	7614.0	10867.2	13332.0
47.5°	568.8	578.8	608.7	668.6	728.5	858.2	1327.2	2594.6	7653.9	11216.5	13771.1
50°	538.9	558.8	598.7	658.6	738.5	818.3	1307.3	2584.6	7883.5	11665.5	14190.2
52.5°	518.9	548.8	588.8	658.6	728.5	758.4	1297.3	2614.5	8342.5	12334.1	14789.0
55°	499.0	528.9	568.8	658.6	698.5	708.5	1247.4	2664.4	9041.0	13262.2	15637.2
57.5°	479.0	499.0	548.8	638.7	658.6	668.6	1147.6	2734.3	9739.6	14170.3	16505.4
60°	449.1	469.0	518.9	638.7	598.7	628.7	1017.9	2754.2	10238.5	14459.7	16585.2
62.5°	419.1	439.1	489.0	658.6	548.8	588.8	908.1	2684.4	10338.3	14040.5	16136.1
65°	389.2	409.1	449.1	548.8	508.9	548.8	838.2	2494.8	10009.0	13082.5	15317.9
67.5°	359.2	379.2	409.1	449.1	459.0	499.0	808.3	2195.4	9180.7	11895.0	14200.2
70°	319.3	339.3	369.2	399.2	409.1	469.0	758.4	1906.0	7843.5	10308.4	12833.1
72.5°	289.4	299.4	329.3	349.3	369.2	429.1	728.5	1666.5	5997.4	8342.5	10468.0
75°	249.5	249.5	279.4	299.4	319.3	379.2	668.6	1387.1	4231.1	6366.6	7693.9
77.5°	209.6	209.6	229.5	249.5	269.4	329.3	568.8	1127.6	2933.8	5049.4	5578.3
80°	159.7	159.7	179.6	199.6	219.5	279.4	459.0	828.3	1816.2	3692.3	4061.5
82.5°	109.8	109.8	139.7	149.7	159.7	219.5	349.3	568.8	1067.8	2664.4	2903.9
85°	59.9	59.9	79.8	89.8	109.8	159.7	259.5	399.2	638.7	1926.0	1935.9
87.5°	10.0	10.0	29.9	29.9	49.9	79.8	149.7	219.5	359.2	1067.8	678.6
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: P598691  
 CATALOG NUMBER: IFLD-M-SA4C-735-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0	7125.0
2.5°	7793.6	7903.4	7913.4	7913.4	7863.5	7873.5	7733.8	7584.1	7534.2	7524.2
5°	8202.8	8492.2	8572.0	8611.9	8482.2	8282.6	7923.4	7534.2	7334.6	7304.7
7.5°	8123.0	8701.7	9011.1	9051.0	8791.6	8322.5	7693.9	7095.1	6865.6	6805.7
10°	7653.9	8432.3	8991.1	9130.8	8851.4	8252.7	7434.4	6735.9	6456.5	6406.6
12.5°	7324.6	8073.1	8621.9	8811.5	8681.8	8162.9	7304.7	6506.3	6226.9	6157.1
15°	7145.0	7833.6	8192.8	8252.7	8242.7	8023.2	7304.7	6556.2	6246.9	6167.1
17.5°	7294.7	7763.7	7813.6	7673.9	7753.7	7863.5	7464.3	6825.7	6526.3	6456.5
20°	7594.1	7733.8	7494.3	7284.7	7324.6	7673.9	7713.8	7334.6	7095.1	6975.4
22.5°	8222.7	7843.5	7294.7	7005.3	7035.2	7524.2	8043.1	8023.2	7813.6	7753.7
25°	8861.4	8152.9	7234.8	6895.5	6935.4	7494.3	8432.3	8791.6	8681.8	8651.8
27.5°	9569.9	8671.8	7274.7	6845.6	6895.5	7534.2	8701.7	9440.2	9460.1	9430.2
30°	10048.9	8921.3	7394.5	6905.5	6975.4	7634.0	8761.6	9829.4	10009.0	10019.0
32.5°	10448.1	9170.8	7644.0	7005.3	7125.0	7813.6	8921.3	10198.6	10597.8	10607.7
35°	10767.4	9450.2	7953.3	7184.9	7364.5	8113.0	9130.8	10547.9	11146.6	11216.5
37.5°	11176.5	9759.5	8312.6	7574.1	7773.7	8542.1	9500.1	10957.0	11795.2	11984.9
40°	11615.6	10068.9	8831.5	8202.8	8492.2	9180.7	9919.2	11416.0	12344.1	12603.6
42.5°	12104.6	10398.2	9420.2	9051.0	9490.1	9989.0	10398.2	11835.2	12763.2	13062.6
45°	12583.6	10797.3	10278.4	10208.6	10697.6	10947.0	10867.2	12134.5	13162.4	13461.8
47.5°	12922.9	11376.1	11316.3	11735.4	12194.4	12064.7	11416.0	12354.1	13491.7	13821.0
50°	13232.2	12094.6	12623.5	13441.8	13721.2	13282.1	12004.8	12653.4	13841.0	14210.2
52.5°	13691.3	12863.0	13970.7	14988.5	15258.0	14559.4	12643.5	13142.4	14379.8	14709.1
55°	14629.3	13731.2	15377.7	16545.3	16595.2	15727.0	13501.7	13970.7	15138.2	15517.4
57.5°	15677.1	14798.9	16495.4	17832.6	17812.6	16894.5	14469.6	15088.3	16166.1	16425.5
60°	16625.1	15876.7	17712.8	18750.7	18700.8	17742.8	15597.3	16355.7	17343.6	17543.2
62.5°	17183.9	16854.6	18251.7	19040.0	18850.4	18022.2	16555.3	17483.3	18181.8	18251.7
65°	17094.1	17413.5	17623.0	18112.0	17842.6	17243.8	17024.3	18201.8	18271.7	18201.8
67.5°	16415.6	17094.1	15896.6	15946.5	15806.8	15297.9	16295.8	18012.2	17533.2	17363.6
70°	15387.7	15437.6	13292.1	12663.4	12883.0	12184.4	13980.7	16535.3	15796.9	15587.3
72.5°	13681.3	13062.6	10048.9	9410.3	9739.6	9240.6	11216.5	14409.8	13691.3	13012.7
75°	11475.9	10348.3	7653.9	6745.8	6915.5	6895.5	8691.8	11905.0	10607.7	9929.2
77.5°	8891.3	8063.1	5648.1	5298.9	5119.3	5159.2	6067.3	8851.4	7693.9	6845.6
80°	6496.4	5638.2	4370.8	4570.4	4470.6	4231.1	4251.1	5927.6	5348.8	4839.8
82.5°	4490.6	4011.6	3542.6	4001.6	3762.1	3392.9	3313.0	4271.0	4011.6	3702.2
85°	3013.7	3303.1	2814.1	3063.6	2654.4	2444.9	3113.5	3572.5	2883.9	2574.6
87.5°	1965.9	3023.7	2025.7	1536.8	878.2	1177.5	1906.0	2345.1	1347.2	728.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)