

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: P599155

Luminaire Tested: **IFLD-M-SA4C-727-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599155
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-727-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (64) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

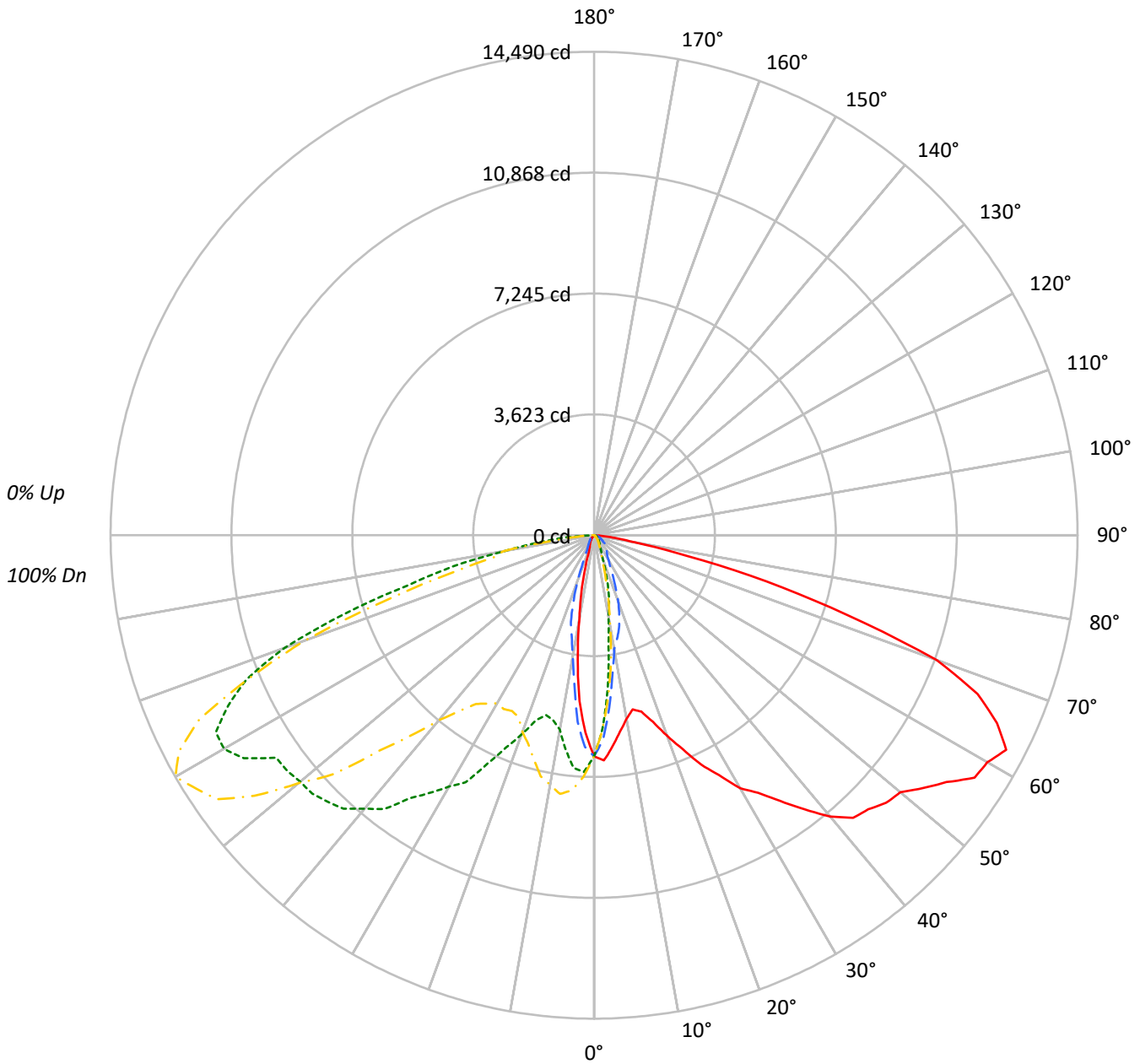
Lumens per Lamp: N/A
 Luminaire Lumens: 17319.8 lumens
 Efficiency: N/A
 Efficacy: 79.4 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

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

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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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79				79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62				62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49				49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40				40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33				33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27				27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24				24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20				20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18				18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16				16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	71272	71272	71272	71272
5°	68617	50152	53986	75631
10°	61092	27305	27663	64665
15°	60986	18212	11136	62130
20°	73224	9093	4440	72797
25°	90064	5713	3438	89620
30°	108820	4585	2611	108124
35°	127687	3682	2025	126399
40°	154582	3149	1312	150318
45°	176850	2844	711	171945
50°	200645	2736	156	192435
55°	242033	2629	0	218198
60°	293028	2211	0	275638
65°	339308	1783	0	308386
70°	343585	1470	0	310961
75°	222357	969	0	238473
80°	75835	291	0	168747
85°	38063	0	0	123984

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	501.6	2.9
10°-20°	971.2	5.6
20°-30°	1352.7	7.8
30°-40°	1922.0	11.1
40°-50°	2665.3	15.4
50°-60°	3631.6	21.0
60°-70°	3992.7	23.1
70°-80°	1962.4	11.3
80°-90°	320.5	1.9
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°	2825.5	16.3
0°-40°	4747.5	27.4
0°-60°	11044.4	63.8
0°-90°	17319.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17319.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6621	6621	6621	6621	6621	
5°	6350	4642	4996	7000	6350	581
15°	5473	1634	999	5575	5473	1620
25°	7583	481	290	7546	7583	3526
35°	9717	280	154	9619	9717	6168
45°	11618	187	47	11296	11618	9006
55°	12897	140	0	11627	12897	11602
65°	13322	70	0	12108	13322	12874
75°	5347	23	0	5734	5347	5829
85°	308	0	0	1004	308	426
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°	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4
2.5°	6756.8	6836.2	6761.4	6499.9	6453.3	6327.2	6135.7	6121.7	5920.9	5944.3	5836.9
5°	6350.5	6429.9	6271.1	5925.6	5603.4	5346.6	5192.5	4917.0	4856.3	4720.9	4720.9
7.5°	5934.9	5930.3	5659.4	5369.9	4889.0	4417.3	4202.6	3805.6	3572.2	3446.1	3324.7
10°	5589.4	5514.7	5346.6	4748.9	4225.9	3735.6	3469.4	3207.9	2965.1	2755.0	2544.9
12.5°	5346.6	5393.3	5127.1	4478.1	3801.0	3460.1	3175.3	2899.8	2610.3	2372.1	2138.6
15°	5472.7	5397.9	5085.1	4417.3	3730.9	3264.0	2885.8	2549.5	2227.4	1914.5	1737.1
17.5°	5864.9	5673.4	5304.6	4417.3	3586.2	2965.1	2507.5	2110.6	1765.1	1484.9	1265.4
20°	6392.5	6173.1	5776.2	4580.8	3478.8	2745.7	2120.0	1620.3	1260.8	999.3	831.2
22.5°	6934.2	6761.4	6163.7	4646.2	3352.7	2451.5	1671.7	1172.0	840.5	672.4	588.4
25°	7583.3	7340.5	6686.7	4907.6	3165.9	2166.6	1316.8	817.2	625.7	537.0	485.6
27.5°	8101.6	8059.6	7177.0	5066.4	3025.8	1933.2	1041.3	649.1	518.3	452.9	420.3
30°	8755.3	8526.5	7774.7	5383.9	2867.1	1667.0	868.5	583.7	476.3	406.2	382.9
32.5°	9147.6	9040.2	8087.6	5561.4	2689.6	1447.5	747.1	513.6	434.3	382.9	359.6
35°	9717.2	9502.4	8535.9	5673.4	2596.2	1321.5	672.4	467.0	364.2	312.9	284.8
37.5°	10352.3	10272.9	9072.8	5668.8	2460.8	1246.8	621.0	434.3	345.5	289.5	256.8
40°	11001.3	10679.2	9399.7	5799.5	2390.8	1190.7	583.7	415.6	326.9	275.5	233.5
42.5°	11487.0	11118.1	9777.9	5752.8	2306.7	1092.7	569.7	387.6	312.9	252.2	214.8
45°	11617.7	11487.0	10118.8	5738.8	2246.0	1013.3	546.3	382.9	303.5	238.1	200.8
47.5°	11869.9	11781.2	10539.1	5762.2	2199.3	952.6	490.3	392.2	289.5	224.1	191.4
50°	11981.9	11823.2	10879.9	5818.2	2091.9	877.9	438.9	410.9	284.8	219.5	182.1
52.5°	12444.2	12304.1	11346.9	5977.0	2003.2	779.8	387.6	392.2	294.2	205.5	172.8
55°	12897.2	12738.4	12066.0	6341.2	1877.1	700.4	331.5	345.5	280.2	186.8	154.1
57.5°	13518.2	13256.7	12547.0	6490.6	1765.1	593.0	294.2	284.8	261.5	168.1	135.4
60°	13611.6	13719.0	12476.9	6397.2	1648.3	523.0	256.8	219.5	280.2	149.4	116.7
62.5°	13924.5	13476.2	12150.0	6182.4	1564.3	481.0	228.8	182.1	242.8	130.7	98.1
65°	13322.1	12990.6	11384.2	5491.3	1456.9	485.6	200.8	149.4	154.1	107.4	79.4
67.5°	12439.6	12178.1	10114.1	4739.5	1349.5	476.3	177.4	130.7	116.7	93.4	70.0
70°	10917.3	10352.3	8591.9	3847.7	1190.7	443.6	149.4	116.7	98.1	74.7	51.4
72.5°	7942.8	7714.0	6163.7	2974.5	1069.3	401.6	140.1	98.1	84.1	56.0	42.0
75°	5346.6	4968.4	3889.7	1951.9	859.2	350.2	116.7	88.7	65.4	42.0	32.7
77.5°	2825.0	2671.0	2204.0	929.2	476.3	163.4	65.4	51.4	37.4	32.7	18.7
80°	1223.4	1088.0	952.6	378.2	168.1	74.7	42.0	28.0	23.3	18.7	9.3
82.5°	625.7	597.7	495.0	163.4	98.1	56.0	23.3	18.7	14.0	9.3	4.7
85°	308.2	317.5	261.5	51.4	56.0	32.7	4.7	4.7	0.0	0.0	0.0
87.5°	23.3	23.3	18.7	9.3	14.0	4.7	0.0	0.0	0.0	0.0	0.0
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°	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4
2.5°	5794.9	5860.2	5748.2	5818.2	5785.5	5799.5	5813.5	5776.2	5785.5	5916.3	5920.9
5°	4641.5	4767.6	4720.9	4786.2	4898.3	4842.3	4893.6	4884.3	4893.6	4912.3	4996.4
7.5°	3310.7	3273.3	3362.0	3534.8	3735.6	3857.0	3796.3	3763.6	3744.9	3698.2	3754.3
10°	2498.2	2479.5	2456.2	2507.5	2638.3	2773.7	2848.4	2722.3	2652.3	2563.6	2530.9
12.5°	2073.3	1956.5	1891.1	1811.8	1849.1	1970.5	1975.2	1853.8	1741.7	1695.0	1746.4
15°	1634.3	1554.9	1438.2	1326.1	1270.1	1363.5	1284.1	1167.4	1022.6	1003.9	999.3
17.5°	1167.4	1120.7	1036.6	989.9	924.6	901.2	817.2	639.7	537.0	509.0	518.3
20°	793.8	756.5	751.8	709.8	681.7	663.1	527.7	410.9	378.2	382.9	387.6
22.5°	588.4	569.7	546.3	541.7	518.3	495.0	387.6	345.5	322.2	322.2	336.2
25°	481.0	471.6	448.3	438.9	429.6	396.9	326.9	294.2	284.8	275.5	289.5
27.5°	410.9	406.2	392.2	378.2	368.9	336.2	284.8	256.8	247.5	247.5	247.5
30°	368.9	368.9	350.2	322.2	322.2	284.8	242.8	224.1	214.8	214.8	210.1
32.5°	345.5	336.2	312.9	294.2	280.2	242.8	214.8	196.1	182.1	182.1	186.8
35°	280.2	280.2	275.5	261.5	242.8	205.5	182.1	163.4	154.1	149.4	154.1
37.5°	247.5	233.5	214.8	219.5	210.1	177.4	154.1	140.1	126.1	126.1	126.1
40°	224.1	210.1	191.4	177.4	172.8	158.8	135.4	112.1	98.1	93.4	93.4
42.5°	200.8	191.4	163.4	140.1	135.4	135.4	102.7	84.1	70.0	70.0	70.0
45°	186.8	172.8	149.4	121.4	98.1	102.7	84.1	60.7	51.4	46.7	46.7
47.5°	177.4	163.4	130.7	102.7	74.7	74.7	60.7	42.0	32.7	28.0	28.0
50°	163.4	149.4	116.7	84.1	56.0	46.7	37.4	23.3	14.0	9.3	9.3
52.5°	154.1	140.1	102.7	70.0	46.7	32.7	23.3	4.7	0.0	0.0	0.0
55°	140.1	121.4	88.7	56.0	37.4	18.7	4.7	0.0	0.0	0.0	0.0
57.5°	121.4	107.4	70.0	42.0	23.3	4.7	0.0	0.0	0.0	0.0	0.0
60°	102.7	88.7	56.0	32.7	9.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	84.1	74.7	42.0	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	70.0	56.0	32.7	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	60.7	46.7	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	46.7	32.7	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	32.7	23.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	23.3	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4
2.5°	5939.6	6079.7	6210.4	6247.8	6350.5	6635.4	6635.4	6770.8	7013.6	7102.3	7121.0
5°	5010.4	5159.8	5187.8	5477.3	5612.7	5902.3	6093.7	6551.3	6826.8	6999.6	7107.0
7.5°	3810.3	3861.7	3969.1	4239.9	4506.1	4856.3	5220.5	5804.2	6289.8	6485.9	6850.2
10°	2619.6	2773.7	3007.2	3250.0	3665.6	4053.1	4524.7	5075.7	5673.4	5916.3	6229.1
12.5°	1765.1	1979.9	2353.4	2699.0	3081.9	3474.1	3922.4	4660.2	5337.2	5673.4	5986.3
15°	1032.0	1293.5	1615.6	2176.0	2685.0	3123.9	3572.2	4319.3	5141.1	5575.4	5958.3
17.5°	523.0	602.4	868.5	1354.2	2026.6	2745.7	3413.4	4366.0	5290.5	5822.9	6140.4
20°	392.2	415.6	490.3	719.1	1386.8	2269.4	3264.0	4436.0	5706.1	6355.2	6528.0
22.5°	340.9	359.6	392.2	467.0	779.8	1737.1	3053.9	4608.8	6271.1	6882.8	7247.1
25°	289.5	308.2	336.2	382.9	499.6	1181.4	2797.0	4790.9	6775.4	7545.9	7886.8
27.5°	252.2	266.2	294.2	331.5	406.2	751.8	2353.4	5033.7	7545.9	8349.1	8437.8
30°	214.8	228.8	252.2	294.2	345.5	532.3	1727.7	5066.4	7970.8	8699.3	8946.8
32.5°	186.8	191.4	219.5	256.8	289.5	420.3	1214.1	5099.1	8283.7	9152.2	9203.6
35°	154.1	163.4	191.4	214.8	252.2	331.5	919.9	4935.7	8689.9	9619.2	9605.2
37.5°	126.1	140.1	158.8	177.4	205.5	280.2	733.1	4632.1	9198.9	10342.9	9904.0
40°	98.1	112.1	130.7	154.1	172.8	252.2	551.0	4174.5	9731.2	10697.8	10230.9
42.5°	70.0	79.4	98.1	121.4	154.1	210.1	396.9	3632.9	9941.4	11113.4	10623.1
45°	51.4	60.7	74.7	102.7	158.8	168.1	275.5	3137.9	10165.5	11295.5	10534.4
47.5°	28.0	37.4	56.0	88.7	140.1	126.1	196.1	2694.3	10422.3	11459.0	10604.4
50°	9.3	14.0	32.7	93.4	112.1	98.1	154.1	2456.2	10674.5	11491.6	10744.5
52.5°	0.0	0.0	18.7	98.1	84.1	74.7	135.4	2362.8	10609.1	11594.4	10655.8
55°	0.0	0.0	4.7	42.0	46.7	56.0	112.1	2358.1	11071.4	11627.1	11141.4
57.5°	0.0	0.0	0.0	14.0	28.0	46.7	98.1	2208.7	11365.6	12439.6	11795.2
60°	0.0	0.0	0.0	4.7	18.7	32.7	74.7	2077.9	11664.4	12803.8	12495.6
62.5°	0.0	0.0	0.0	0.0	4.7	14.0	51.4	1877.1	11062.1	12775.8	13172.7
65°	0.0	0.0	0.0	0.0	0.0	0.0	32.7	1484.9	9950.7	12108.0	12799.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	18.7	1027.3	8713.3	11267.5	12112.7
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	621.0	7032.3	9880.7	10272.9
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	266.2	5019.7	7844.8	8428.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.4	3105.2	5734.1	6453.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42.0	2012.6	4342.6	4898.3
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	1074.0	2722.3	3165.9
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	467.0	1653.0	1905.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	149.4	1003.9	1144.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	154.1	205.5
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: P599155
 CATALOG NUMBER: IFLD-M-SA4C-727-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4	6621.4
2.5°	7130.3	7265.7	7317.1	7237.7	7247.1	7083.6	7060.3	6831.5	6738.1	6756.8
5°	7457.2	7653.3	7760.7	7672.0	7471.2	7158.3	6873.5	6602.7	6434.6	6350.5
7.5°	7382.5	7602.0	7737.4	7821.4	7592.6	7088.3	6654.0	6145.1	5930.3	5934.9
10°	6971.6	7429.2	7704.7	7597.3	7489.9	6985.6	6313.2	5762.2	5570.7	5589.4
12.5°	6640.0	7149.0	7312.4	7396.5	7177.0	6775.4	6322.5	5692.1	5477.3	5346.6
15°	6434.6	6812.8	6822.1	6952.9	6864.2	6864.2	6420.6	5804.2	5617.4	5472.7
17.5°	6434.6	6518.6	6509.3	6556.0	6705.4	6882.8	6668.0	6257.1	5888.2	5864.9
20°	6579.3	6317.8	6257.1	6275.8	6401.9	6929.5	7214.4	6700.7	6467.3	6392.5
22.5°	6915.5	6341.2	5972.3	5906.9	6294.5	6924.9	7564.6	7401.2	6994.9	6934.2
25°	7377.8	6299.2	5897.6	5813.5	6107.7	7093.0	8045.6	8078.2	7709.3	7583.3
27.5°	7816.7	6485.9	5888.2	5869.6	6257.1	7055.6	8377.1	8619.9	8204.3	8101.6
30°	7966.2	6672.7	6061.0	5813.5	6313.2	7191.0	8367.7	9002.8	8732.0	8755.3
32.5°	8143.6	6859.5	6079.7	5981.6	6551.3	7410.5	8633.9	9619.2	9423.1	9147.6
35°	8405.1	7111.7	6257.1	6168.4	6719.4	7606.6	8689.9	10072.1	10039.4	9717.2
37.5°	8629.2	7359.1	6626.0	6640.0	7233.1	7924.1	8937.4	10627.8	10571.8	10352.3
40°	8788.0	7704.7	7200.4	7237.7	7681.3	8279.0	9376.4	10908.0	11323.5	11001.3
42.5°	8811.4	8012.9	7858.8	8157.6	8573.2	8830.0	9553.8	11099.4	11697.1	11487.0
45°	8900.1	8503.2	8932.8	9152.2	9493.1	9315.7	9544.5	11426.3	11725.1	11617.7
47.5°	9245.6	9395.0	9936.7	10604.4	10725.8	10142.2	9768.6	11477.6	11883.9	11869.9
50°	9605.2	10352.3	11113.4	11557.0	11711.1	10711.8	9978.7	11435.6	12094.0	11981.9
52.5°	10006.7	11183.5	12280.8	12827.1	12743.1	11342.2	10216.9	11776.5	12481.6	12444.2
55°	10258.9	11557.0	13032.6	13793.7	13728.3	12047.3	10973.3	12266.8	12990.6	12897.2
57.5°	10926.6	12164.1	13779.7	14134.6	14307.4	12971.9	11501.0	13069.9	13415.5	13518.2
60°	11477.6	12561.0	13975.8	14489.5	14550.2	13522.9	12425.5	13896.4	13957.1	13611.6
62.5°	12285.5	12715.1	13560.2	14022.5	14335.4	13835.7	13256.7	14340.0	13947.8	13924.5
65°	12878.5	12210.7	12785.1	13041.9	13242.7	13359.4	14092.6	14643.6	13775.0	13322.1
67.5°	12547.0	11258.2	11150.8	11164.8	11225.5	11930.6	13812.4	13901.1	12813.1	12439.6
70°	11043.4	9236.3	9091.5	9203.6	8900.1	9749.9	12677.7	12635.7	11304.9	10917.3
72.5°	8932.8	6733.4	6485.9	6640.0	6710.1	7611.3	10665.1	9581.8	8246.3	7942.8
75°	7097.6	4935.7	4165.2	4538.8	4776.9	5542.7	8330.4	6509.3	5757.5	5346.6
77.5°	5575.4	3735.6	3240.6	3091.2	3310.7	4029.8	6061.0	3418.1	3016.5	2825.0
80°	3534.8	2745.7	2979.1	2764.3	2857.7	2876.4	3156.6	1554.9	1237.4	1223.4
82.5°	2129.3	1877.1	2232.0	1228.1	2236.7	1998.5	1312.1	705.1	625.7	625.7
85°	1508.2	1162.7	770.5	499.6	994.6	1097.3	509.0	364.2	317.5	308.2
87.5°	756.5	359.6	172.8	112.1	126.1	205.5	60.7	28.0	28.0	23.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)