

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: P598882

Luminaire Tested: **IFLD-S-SA3A-727-U-SLL**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598882
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3A-727-U-SLL
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens
 Light Source: (48) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

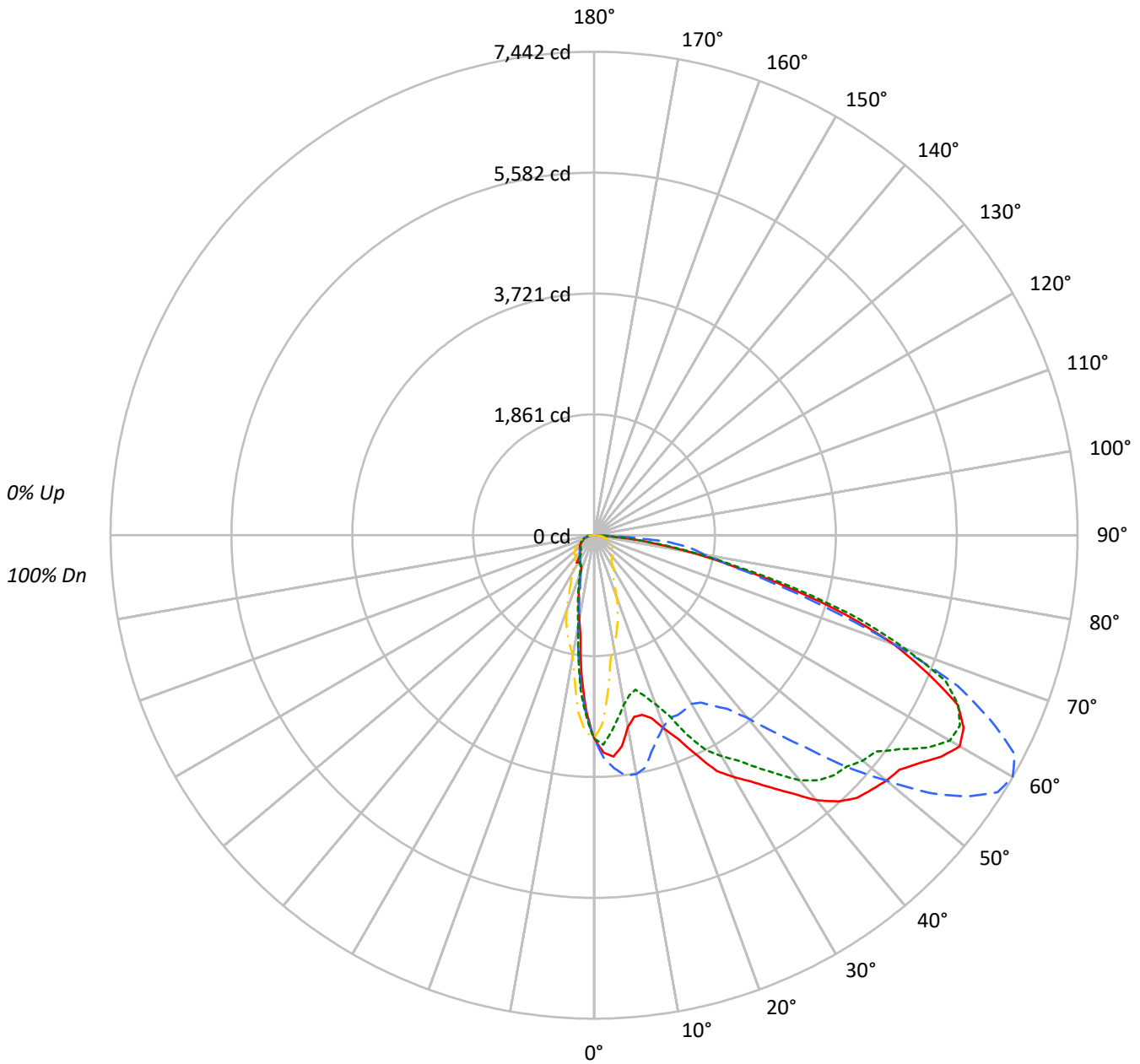
Lumens per Lamp: N/A
 Luminaire Lumens: 9787.2 lumens
 Efficiency: N/A
 Efficacy: 103.2 lumens/watt
 Spacing Criteria (0/90/45): 1.12 / 0.52 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 94.8
 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	106	100	94	89	103	97	92	88	93	89	85	89	85	82	85	82	80	77			77	
2	94	83	75	68	91	81	74	67	78	71	65	74	69	64	71	66	62	60			60	
3	84	71	61	53	81	69	60	53	66	58	52	63	56	51	60	55	50	47			47	
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38			38	
5	68	53	43	35	66	52	42	35	50	41	34	48	40	34	46	39	34	31			31	
6	63	47	37	30	60	46	37	29	44	36	29	42	35	29	41	34	29	26			26	
7	58	42	32	25	56	41	32	25	40	31	25	38	31	25	37	30	25	22			22	
8	53	38	29	22	52	37	28	22	36	28	22	35	27	22	33	27	22	19			19	
9	50	35	26	20	48	34	26	20	33	25	19	32	25	19	31	24	19	17			17	
10	46	32	23	18	45	31	23	18	30	23	17	29	22	17	28	22	17	15			15	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	44864	44864	44864	44864
5°	49288	43785	31399	34276
10°	43657	38533	19044	20438
15°	42512	36576	13482	13998
20°	48473	42306	8819	9747
25°	59059	53627	7701	7975
30°	71159	65044	7986	7411
35°	82991	76372	6617	6237
40°	99725	92240	6183	5857
45°	116056	106009	6257	5815
50°	131159	120495	6397	6011
55°	152960	143617	6626	6300
60°	186560	181451	6605	6605
65°	209659	209954	6782	7077
70°	206051	213340	7104	7289
75°	169970	181287	7464	7946
80°	122718	128825	8257	8612
85°	67926	72916	9287	11445

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.9	2.5
10°-20°	512.7	5.2
20°-30°	750.2	7.7
30°-40°	1057.0	10.8
40°-50°	1452.6	14.8
50°-60°	1979.7	20.2
60°-70°	2166.7	22.1
70°-80°	1250.9	12.8
80°-90°	374.6	3.8
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°	1505.8	15.4
0°-40°	2562.7	26.2
0°-60°	5995.0	61.3
0°-90°	9787.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9787.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3126	3126	3126	3126	3126	
5°	3421	3039	2180	2379	3421	311
15°	2861	2462	907	942	2861	836
25°	3730	3386	486	504	3730	1746
35°	4737	4359	378	356	4737	3004
45°	5718	5223	308	286	5718	4395
55°	6113	5740	265	252	6113	5516
65°	6174	6182	200	208	6174	5909
75°	3065	3269	135	143	3065	3293
85°	412	443	56	70	412	572
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°	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0
2.5°	3347.4	3334.4	3347.4	3395.2	3408.2	3429.9	3429.9	3399.5	3343.1	3317.0	3273.6
5°	3421.2	3399.5	3508.1	3607.9	3686.1	3677.4	3603.6	3542.8	3429.9	3260.6	3099.9
7.5°	3273.6	3295.3	3373.5	3634.0	3816.3	3851.1	3733.8	3612.3	3369.1	3134.7	2917.6
10°	2995.7	3026.1	3195.5	3464.6	3751.2	3807.6	3733.8	3586.2	3295.3	3004.4	2752.6
12.5°	2861.2	2930.6	3030.5	3356.1	3560.2	3694.8	3660.0	3564.5	3238.9	2895.9	2652.8
15°	2861.2	2878.5	3026.1	3299.7	3416.9	3421.2	3434.3	3451.6	3256.2	2943.6	2618.0
17.5°	2952.3	3000.1	3126.0	3295.3	3317.0	3264.9	3264.9	3338.7	3291.0	3078.2	2743.9
20°	3173.8	3156.4	3321.4	3390.8	3273.6	3143.4	3130.3	3256.2	3330.1	3221.5	2974.0
22.5°	3395.2	3473.3	3607.9	3451.6	3234.5	3060.9	3043.5	3199.8	3447.3	3469.0	3238.9
25°	3729.5	3807.6	3877.1	3686.1	3230.2	3039.2	3052.2	3173.8	3590.6	3820.7	3681.7
27.5°	4089.8	4137.6	4237.5	3942.2	3334.4	3013.1	3026.1	3208.5	3725.1	4050.8	4029.1
30°	4293.9	4346.0	4324.3	3990.0	3403.9	3030.5	2995.7	3256.2	3651.3	4050.8	4254.8
32.5°	4493.6	4463.2	4450.2	4068.1	3490.7	3139.0	3052.2	3356.1	3694.8	4115.9	4545.7
35°	4736.8	4693.3	4658.6	4220.1	3634.0	3243.2	3204.1	3486.4	3790.3	4250.5	4780.2
37.5°	5005.9	5005.9	4836.6	4333.0	3803.3	3412.5	3369.1	3673.0	3942.2	4333.0	5101.5
40°	5322.9	5335.9	5036.3	4484.9	3994.3	3681.7	3668.7	3916.2	4089.8	4454.5	5409.7
42.5°	5557.3	5566.0	5210.0	4541.4	4215.8	4055.1	4111.6	4306.9	4259.2	4563.1	5431.4
45°	5718.0	5674.6	5331.6	4702.0	4458.9	4615.2	4632.6	4689.0	4480.6	4628.2	5518.3
47.5°	5796.1	5787.4	5383.7	4888.7	4971.2	5183.9	5283.8	5205.7	4684.7	4558.7	5518.3
50°	5874.3	5800.5	5431.4	5144.9	5470.5	5900.3	5878.6	5735.3	4966.9	4645.6	5435.8
52.5°	5926.4	5861.2	5526.9	5375.0	5948.1	6434.3	6521.2	6256.3	5296.8	4806.2	5474.8
55°	6113.1	6061.0	5813.5	5687.6	6499.5	6998.8	7011.8	6642.7	5644.2	5071.1	5731.0
57.5°	6338.8	6369.2	6208.6	6130.4	6920.6	7411.2	7363.5	6929.3	5939.4	5392.3	6026.2
60°	6499.5	6547.2	6508.2	6516.8	7129.0	7550.1	7441.6	7107.3	6156.5	5635.5	6386.6
62.5°	6412.6	6508.2	6668.8	6634.1	7137.7	7450.3	7298.3	6872.9	6182.5	5952.4	6660.1
65°	6173.8	6182.5	6495.1	6686.2	6746.9	6933.6	6733.9	6382.2	5913.3	6147.8	6621.0
67.5°	5561.7	5631.1	5913.3	6286.7	6030.6	6074.0	6056.6	5548.6	5505.2	6013.2	6321.5
70°	4910.4	4958.2	5266.4	5704.9	5092.8	4888.7	4927.8	4550.1	4728.1	5596.4	5718.0
72.5°	4059.5	4089.8	4441.5	4827.9	4085.5	3720.8	3812.0	3503.7	3755.5	4897.4	4823.6
75°	3065.2	3121.7	3395.2	3851.1	3008.8	2774.3	2865.5	2739.6	2974.0	4033.4	3742.5
77.5°	2179.5	2136.1	2474.7	3013.1	2262.0	2123.1	2131.8	2153.5	2405.3	3399.5	2687.5
80°	1484.8	1497.9	1801.8	2209.9	1775.7	1754.0	1732.3	1906.0	2018.9	2691.8	1953.7
82.5°	881.4	881.4	1215.7	1571.7	1402.4	1580.4	1480.5	1636.8	1580.4	1979.8	1280.8
85°	412.5	412.5	625.2	1133.2	1085.4	1302.5	1107.1	1237.4	1167.9	1380.6	577.4
87.5°	69.5	60.8	125.9	555.7	447.2	508.0	199.7	659.9	733.7	963.8	143.3
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0
2.5°	3225.9	3195.5	3134.7	3056.5	2991.4	2908.9	2882.9	2826.4	2748.3	2739.6	2704.9
5°	3039.2	2935.0	2804.7	2644.1	2535.5	2422.6	2327.1	2270.7	2205.6	2196.9	2179.5
7.5°	2835.1	2704.9	2487.8	2296.7	2110.0	1932.0	1845.2	1736.7	1662.9	1606.4	1580.4
10°	2644.1	2522.5	2253.3	1992.8	1827.8	1710.6	1606.4	1493.5	1402.4	1332.9	1306.8
12.5°	2518.2	2374.9	2084.0	1836.5	1715.0	1580.4	1463.1	1341.6	1224.3	1133.2	1085.4
15°	2461.7	2327.1	2031.9	1758.4	1580.4	1393.7	1259.1	1137.5	994.2	929.1	907.4
17.5°	2596.3	2396.6	2014.5	1667.2	1415.4	1202.6	1037.7	907.4	803.2	738.1	712.0
20°	2770.0	2522.5	2044.9	1558.7	1259.1	1020.3	837.9	699.0	629.5	581.8	577.4
22.5°	2991.4	2709.2	2092.7	1480.5	1085.4	820.6	655.6	573.1	525.3	521.0	512.3
25°	3386.5	3047.8	2170.8	1376.3	946.5	677.3	560.1	512.3	490.6	477.6	486.3
27.5°	3725.1	3269.3	2227.3	1311.2	890.0	638.2	542.7	490.6	468.9	464.6	468.9
30°	3924.9	3473.3	2209.9	1189.6	777.2	607.8	577.4	560.1	516.7	481.9	481.9
32.5°	4107.2	3603.6	2205.6	1081.1	664.3	508.0	481.9	468.9	494.9	512.3	499.3
35°	4359.0	3807.6	2192.5	1020.3	616.5	468.9	425.5	390.7	373.4	364.7	377.7
37.5°	4628.2	3946.6	2157.8	1011.6	590.5	447.2	412.5	377.7	360.4	351.7	347.3
40°	4923.4	4094.2	2118.7	968.2	577.4	434.2	399.4	369.0	347.3	334.3	330.0
42.5°	5114.5	4211.4	2079.7	946.5	551.4	425.5	386.4	360.4	338.6	321.3	321.3
45°	5223.0	4350.3	2040.6	924.8	521.0	429.8	386.4	351.7	325.6	316.9	308.3
47.5°	5270.8	4454.5	2027.6	890.0	494.9	412.5	377.7	343.0	316.9	299.6	295.2
50°	5396.7	4676.0	2075.3	864.0	464.6	395.1	399.4	338.6	312.6	290.9	286.5
52.5°	5470.5	4854.0	2179.5	824.9	442.8	373.4	390.7	330.0	299.6	277.9	277.9
55°	5739.7	5149.2	2292.4	794.5	416.8	343.0	360.4	312.6	277.9	264.8	264.8
57.5°	6082.7	5461.8	2387.9	781.5	399.4	321.3	321.3	303.9	264.8	247.5	243.1
60°	6321.5	5718.0	2444.4	772.8	382.1	299.6	286.5	303.9	251.8	234.4	230.1
62.5°	6347.5	5570.4	2387.9	768.5	377.7	277.9	260.5	290.9	238.8	221.4	212.7
65°	6182.5	5270.8	2231.6	751.1	373.4	256.2	243.1	251.8	221.4	208.4	199.7
67.5°	5852.6	4784.5	2005.8	742.4	369.0	238.8	221.4	217.1	204.1	191.0	182.3
70°	5084.1	4150.6	1741.0	703.3	360.4	225.8	199.7	195.4	182.3	173.7	169.3
72.5°	4267.9	3395.2	1437.1	651.2	343.0	204.1	182.3	173.7	169.3	156.3	152.0
75°	3269.3	2613.7	1150.5	577.4	299.6	182.3	160.6	152.0	147.6	138.9	134.6
77.5°	2296.7	1945.1	851.0	468.9	251.8	165.0	143.3	134.6	130.2	117.2	117.2
80°	1558.7	1363.3	577.4	325.6	195.4	134.6	125.9	117.2	108.5	99.9	99.9
82.5°	968.2	955.2	416.8	212.7	143.3	108.5	99.9	99.9	86.8	78.1	78.1
85°	442.8	586.1	290.9	147.6	108.5	82.5	82.5	78.1	69.5	56.4	56.4
87.5°	138.9	195.4	152.0	65.1	60.8	47.8	47.8	43.4	43.4	34.7	34.7
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°	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0
2.5°	2739.6	2735.2	2735.2	2717.9	2761.3	2761.3	2787.3	2765.6	2778.7	2783.0	2817.7
5°	2175.2	2209.9	2236.0	2288.1	2318.4	2331.5	2331.5	2366.2	2353.2	2379.2	2431.3
7.5°	1593.4	1636.8	1715.0	1780.1	1832.2	1849.5	1845.2	1853.9	1866.9	1836.5	1845.2
10°	1289.5	1259.1	1285.1	1345.9	1393.7	1450.1	1406.7	1402.4	1415.4	1402.4	1428.4
12.5°	1076.7	1042.0	1020.3	1020.3	1055.0	1081.1	1068.0	1089.8	1137.5	1150.5	1180.9
15°	872.7	842.3	824.9	803.2	837.9	846.6	859.6	890.0	924.8	942.1	976.9
17.5°	699.0	699.0	699.0	681.6	694.7	707.7	712.0	751.1	755.4	772.8	785.8
20°	573.1	586.1	607.8	616.5	629.5	629.5	620.9	642.6	625.2	638.2	646.9
22.5°	516.7	534.0	542.7	547.0	564.4	568.8	547.0	551.4	555.7	542.7	547.0
25°	486.3	494.9	486.3	490.6	494.9	486.3	490.6	499.3	494.9	503.6	499.3
27.5°	473.2	464.6	460.2	455.9	455.9	447.2	451.5	451.5	460.2	464.6	464.6
30°	473.2	460.2	442.8	429.8	429.8	416.8	425.5	434.2	438.5	447.2	447.2
32.5°	486.3	460.2	429.8	416.8	403.8	395.1	403.8	416.8	434.2	438.5	442.8
35°	386.4	399.4	395.1	377.7	373.4	373.4	369.0	369.0	356.0	356.0	351.7
37.5°	347.3	343.0	351.7	356.0	360.4	347.3	347.3	330.0	325.6	330.0	330.0
40°	325.6	325.6	325.6	338.6	343.0	334.3	321.3	312.6	312.6	312.6	316.9
42.5°	316.9	308.3	303.9	312.6	325.6	316.9	303.9	299.6	299.6	303.9	303.9
45°	303.9	299.6	295.2	290.9	308.3	295.2	290.9	286.5	286.5	286.5	290.9
47.5°	290.9	286.5	277.9	277.9	282.2	277.9	273.5	273.5	273.5	282.2	282.2
50°	282.2	277.9	269.2	269.2	269.2	269.2	264.8	264.8	264.8	269.2	273.5
52.5°	269.2	264.8	260.5	256.2	256.2	256.2	256.2	256.2	256.2	260.5	264.8
55°	256.2	251.8	247.5	247.5	251.8	251.8	247.5	251.8	247.5	251.8	256.2
57.5°	243.1	238.8	234.4	238.8	243.1	238.8	238.8	238.8	238.8	238.8	243.1
60°	225.8	225.8	225.8	225.8	234.4	234.4	234.4	234.4	225.8	230.1	234.4
62.5°	217.1	212.7	212.7	217.1	221.4	221.4	225.8	221.4	217.1	221.4	221.4
65°	199.7	199.7	199.7	204.1	204.1	208.4	208.4	208.4	204.1	208.4	208.4
67.5°	186.7	186.7	186.7	186.7	195.4	195.4	195.4	195.4	191.0	191.0	195.4
70°	165.0	169.3	165.0	173.7	182.3	178.0	182.3	182.3	178.0	173.7	182.3
72.5°	152.0	152.0	152.0	152.0	165.0	165.0	165.0	169.3	165.0	160.6	165.0
75°	134.6	134.6	134.6	138.9	147.6	147.6	147.6	147.6	147.6	143.3	143.3
77.5°	117.2	121.6	117.2	121.6	130.2	125.9	130.2	134.6	130.2	125.9	125.9
80°	99.9	99.9	99.9	104.2	108.5	108.5	108.5	112.9	108.5	104.2	104.2
82.5°	78.1	78.1	82.5	82.5	86.8	86.8	86.8	91.2	86.8	82.5	82.5
85°	60.8	60.8	60.8	65.1	65.1	69.5	69.5	73.8	73.8	69.5	69.5
87.5°	39.1	34.7	39.1	39.1	43.4	43.4	39.1	34.7	39.1	34.7	30.4
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: P598882
 CATALOG NUMBER: IFLD-S-SA3A-727-U-SLL

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0	3126.0
2.5°	2852.5	2930.6	2987.1	3026.1	3082.6	3191.1	3234.5	3312.7	3334.4	3347.4
5°	2453.0	2535.5	2657.1	2743.9	2843.8	3047.8	3204.1	3321.4	3373.5	3421.2
7.5°	1923.4	2031.9	2157.8	2270.7	2435.7	2687.5	2891.5	3134.7	3225.9	3273.6
10°	1502.2	1602.1	1741.0	1879.9	2110.0	2322.8	2613.7	2835.1	2961.0	2995.7
12.5°	1267.8	1385.0	1550.0	1719.3	1862.6	2105.7	2400.9	2722.2	2839.4	2861.2
15°	1076.7	1237.4	1406.7	1580.4	1745.3	1958.1	2275.0	2665.8	2839.4	2861.2
17.5°	890.0	1033.3	1233.0	1419.7	1610.8	1901.6	2296.7	2713.5	2887.2	2952.3
20°	707.7	846.6	1002.9	1237.4	1497.9	1806.1	2344.5	2874.2	3104.3	3173.8
22.5°	586.1	646.9	798.9	1024.6	1332.9	1741.0	2392.3	3126.0	3369.1	3395.2
25°	512.3	555.7	651.2	864.0	1202.6	1697.6	2505.1	3416.9	3729.5	3729.5
27.5°	477.6	494.9	560.1	751.1	1111.5	1658.5	2618.0	3738.2	4029.1	4089.8
30°	468.9	512.3	547.0	668.6	1011.6	1550.0	2722.2	3990.0	4289.6	4293.9
32.5°	460.2	451.5	477.6	581.8	890.0	1437.1	2809.1	4246.1	4480.6	4493.6
35°	360.4	377.7	421.1	512.3	798.9	1354.6	2852.5	4385.1	4723.7	4736.8
37.5°	338.6	360.4	395.1	473.2	738.1	1285.1	2865.5	4654.3	4979.9	5005.9
40°	330.0	347.3	373.4	438.5	690.3	1198.3	2891.5	4932.1	5357.6	5322.9
42.5°	312.6	334.3	360.4	421.1	651.2	1133.2	2895.9	5084.1	5557.3	5557.3
45°	308.3	321.3	351.7	421.1	607.8	1076.7	2826.4	5236.0	5787.4	5718.0
47.5°	290.9	316.9	343.0	408.1	555.7	1020.3	2743.9	5314.2	5817.8	5796.1
50°	286.5	312.6	356.0	386.4	525.3	994.2	2726.6	5509.6	5878.6	5874.3
52.5°	277.9	303.9	369.0	369.0	486.3	959.5	2809.1	5596.4	5891.6	5926.4
55°	264.8	303.9	343.0	338.6	451.5	916.1	2900.2	5822.2	6121.7	6113.1
57.5°	256.2	295.2	325.6	308.3	412.5	885.7	3034.8	6039.3	6399.6	6338.8
60°	243.1	295.2	290.9	286.5	382.1	859.6	3147.7	6082.7	6460.4	6499.5
62.5°	234.4	308.3	256.2	264.8	356.0	846.6	3099.9	5757.0	6377.9	6412.6
65°	225.8	264.8	234.4	243.1	347.3	820.6	2913.3	5366.3	6021.9	6173.8
67.5°	208.4	217.1	217.1	225.8	338.6	759.8	2531.2	4662.9	5479.2	5561.7
70°	191.0	195.4	195.4	208.4	330.0	690.3	2088.3	4033.4	4754.1	4910.4
72.5°	173.7	173.7	173.7	191.0	303.9	633.9	1719.3	3099.9	3950.9	4059.5
75°	152.0	152.0	152.0	169.3	273.5	577.4	1354.6	2305.4	2908.9	3065.2
77.5°	134.6	134.6	130.2	152.0	238.8	468.9	976.9	1628.1	2049.3	2179.5
80°	112.9	108.5	108.5	121.6	186.7	338.6	629.5	1150.5	1428.4	1484.8
82.5°	91.2	86.8	82.5	91.2	134.6	212.7	390.7	803.2	916.1	881.4
85°	86.8	91.2	73.8	69.5	95.5	138.9	247.5	494.9	412.5	412.5
87.5°	34.7	30.4	30.4	26.0	47.8	52.1	108.5	91.2	69.5	69.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)