

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: P599409

Luminaire Tested: **IFLD-S-SA6A-727-U-SLL-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P599409
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6A-727-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (96) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

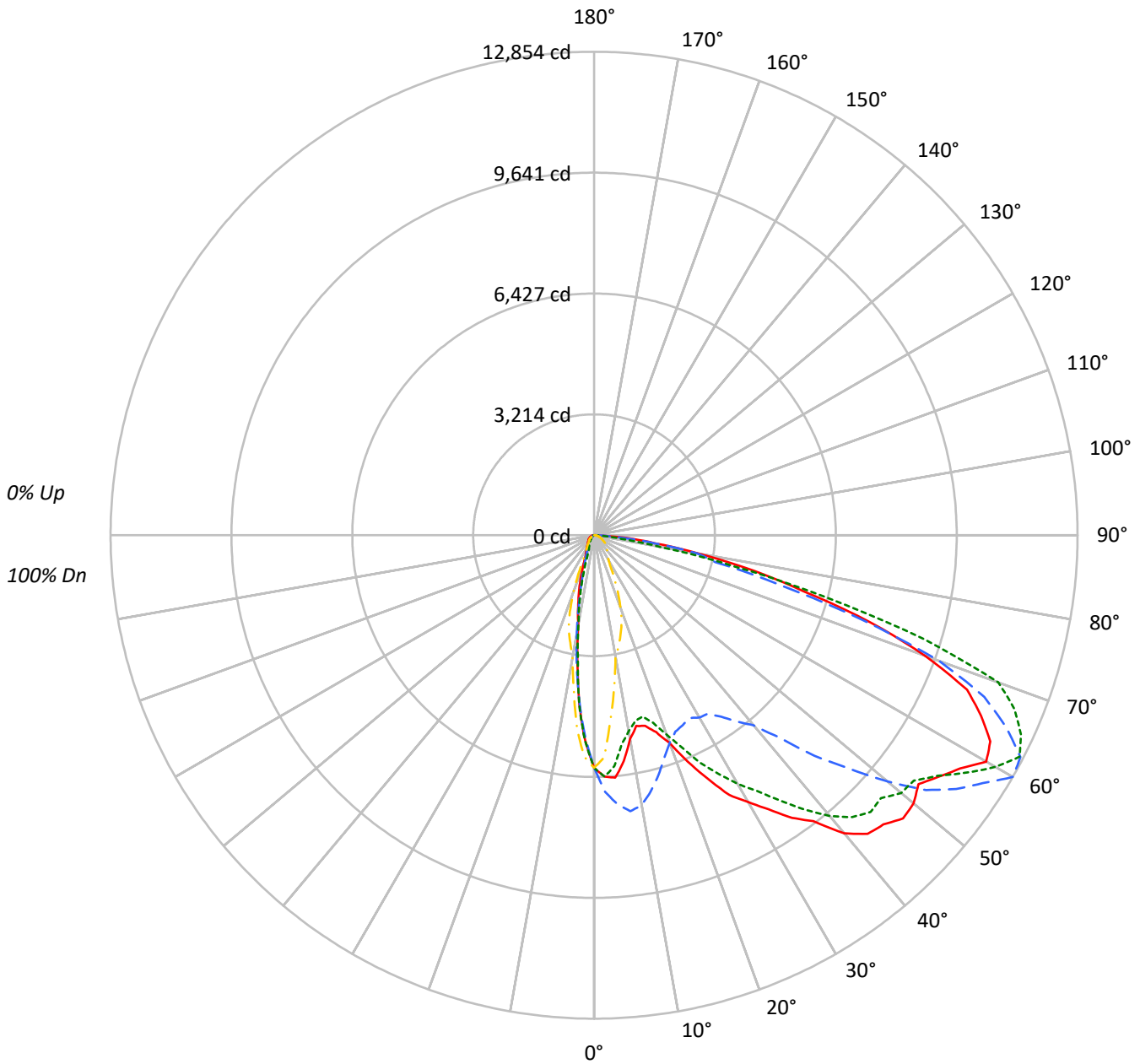
Lumens per Lamp: N/A
 Luminaire Lumens: 16439.9 lumens
 Efficiency: N/A
 Efficacy: 86.7 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 189.6
 Input Voltage (V): 120
 Input Current (A_{in}): 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	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79			79	
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61			61	
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48			48	
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39			39	
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32			32	
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27			27	
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23			23	
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20			20	
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	44357	44357	44357	44357
5°	46613	44368	32414	32604
10°	40082	38547	17722	17306
15°	38974	37050	11513	8676
20°	44923	43046	6169	3084
25°	56485	52835	3998	2398
30°	67842	63223	3237	1965
35°	80339	75378	2653	1577
40°	96931	91255	2344	1192
45°	110356	105545	2183	802
50°	123800	118997	2157	490
55°	140002	139508	2142	220
60°	172764	176858	1953	63
65°	192767	212596	1790	0
70°	196561	239944	1658	0
75°	159939	176979	1583	0
80°	116292	74021	1632	0
85°	75180	31081	2165	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	469.6	2.9
10°-20°	920.8	5.6
20°-30°	1274.3	7.8
30°-40°	1800.9	11.0
40°-50°	2452.0	14.9
50°-60°	3247.5	19.8
60°-70°	3770.6	22.9
70°-80°	2135.3	13.0
80°-90°	368.9	2.2
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°	2664.7	16.2
0°-40°	4465.6	27.2
0°-60°	10165.1	61.8
0°-90°	16439.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	16439.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	6181	6181	6181	6181	6181	
5°	6471	6159	4500	4526	6471	581
15°	5246	4987	1550	1168	5246	1539
25°	7134	6673	505	303	7134	3327
35°	9171	8605	303	180	9171	5781
45°	10874	10400	215	79	10874	8431
55°	11190	11151	171	18	11190	10139
65°	11353	12521	105	0	11353	11067
75°	5769	6383	57	0	5769	6296
85°	913	378	26	0	913	1097
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	2°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3
2.5°	6422.7	6558.8	6563.2	6624.7	6686.1	6686.1	6831.0	6795.9	6668.6	6646.6	6554.4
5°	6471.0	6519.3	6554.4	6866.1	7129.5	7103.2	7182.2	7129.5	6883.7	6567.6	6352.5
7.5°	6054.0	6106.6	6247.1	6778.3	7133.9	7252.5	7401.7	7072.5	6813.4	6242.7	5830.1
10°	5500.8	5601.8	5860.8	6466.6	6905.6	7283.2	7283.2	7019.8	6519.3	5961.8	5456.9
12.5°	5193.5	5395.4	5535.9	6150.5	6721.3	6980.3	6971.5	6831.0	6506.1	5803.7	5233.0
15°	5246.2	5303.2	5601.8	6080.3	6457.8	6444.7	6602.7	6558.8	6330.5	5944.2	5316.4
17.5°	5487.6	5575.4	5834.5	6080.3	6260.3	6207.6	6203.2	6413.9	6427.1	6181.3	5628.1
20°	5882.7	6141.8	6264.7	6339.3	6119.8	5895.9	5869.6	6163.7	6392.0	6484.2	6001.3
22.5°	6514.9	6686.1	6936.4	6554.4	5983.7	5702.7	5650.1	5974.9	6435.9	6844.2	6484.2
25°	7133.9	7265.6	7507.1	7015.4	6137.4	5663.2	5571.0	5852.0	6602.7	7344.6	7068.1
27.5°	7788.0	7902.2	7928.5	7353.4	6220.8	5584.2	5474.5	5852.0	6743.2	7608.1	7766.1
30°	8187.5	8323.6	8350.0	7652.0	6356.9	5650.1	5597.4	5878.4	6839.8	7831.9	8266.6
32.5°	8635.3	8670.5	8648.5	7704.6	6506.1	5843.2	5623.7	6054.0	6949.5	8099.7	8723.1
35°	9170.9	9232.4	9008.5	7946.1	6839.8	5966.2	5887.1	6269.1	7138.3	8222.7	9276.3
37.5°	9579.2	9772.4	9267.5	8038.3	6905.6	6225.2	6238.3	6716.9	7270.0	8371.9	9886.5
40°	10347.5	10022.6	9706.5	8354.4	7155.9	6664.2	6593.9	7177.8	7713.4	8468.5	10286.0
42.5°	10768.9	10597.7	9877.7	8385.1	7542.2	7270.0	7287.6	7700.2	7946.1	8740.7	10395.8
45°	10874.3	10694.3	10110.4	8407.1	7924.1	7985.6	8288.5	8367.5	8288.5	8920.7	10602.1
47.5°	11142.1	10751.4	10084.1	8701.2	8543.1	8780.2	9166.5	9337.8	8753.9	8854.8	10698.7
50°	11089.4	10865.5	10027.0	8824.1	9298.2	9926.0	10185.0	10114.8	9271.9	8718.8	10593.3
52.5°	10869.9	10628.4	10202.6	9157.8	10005.1	10764.5	11124.5	10948.9	9732.9	9026.1	10523.1
55°	11190.4	11006.0	10430.9	9609.9	10536.3	11502.1	11756.7	11625.0	10299.2	9311.4	10922.6
57.5°	11537.2	11497.7	11049.9	10141.1	11164.0	12261.6	12261.6	12099.1	10790.9	9724.1	11515.2
60°	12037.7	12125.5	11506.5	10492.4	11379.2	12217.7	12854.2	12665.5	11287.0	10448.5	12186.9
62.5°	11875.2	12156.2	12094.7	11247.5	11625.0	12432.8	12779.6	12920.1	11901.6	11330.9	13082.5
65°	11352.8	11651.3	12090.4	11743.5	11440.6	11910.4	12086.0	12511.8	12208.9	12160.6	13451.3
67.5°	10729.4	11054.3	11326.5	12077.2	11067.5	11379.2	11225.5	11361.6	11875.2	13069.3	13662.0
70°	9368.5	9680.2	10110.4	11335.3	10079.7	9798.7	9759.2	9693.4	10492.4	12744.5	12705.0
72.5°	7704.6	7849.5	8560.7	9214.8	7458.8	7406.1	7467.6	7392.9	8319.3	11537.2	10883.1
75°	5768.6	5913.5	6317.4	7076.9	5079.4	4776.4	5127.6	5474.5	6352.5	8955.8	7818.8
77.5°	4337.4	4521.8	4776.4	5294.5	3727.2	3253.1	3301.4	3630.6	4592.1	7173.4	4381.3
80°	2814.1	2792.1	3283.8	3643.8	2805.3	2893.1	2770.2	3011.6	3327.7	3837.0	2239.0
82.5°	1624.3	1646.3	1852.6	2089.7	1953.6	2234.6	1611.2	2691.1	2375.0	1562.9	834.1
85°	913.1	952.7	1141.4	1448.7	1224.8	820.9	671.7	1334.6	1492.6	641.0	403.9
87.5°	92.2	79.0	153.7	548.8	333.6	136.1	201.9	320.5	360.0	241.5	118.5
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°	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3
2.5°	6422.7	6422.7	6313.0	6128.6	6054.0	5922.3	5742.3	5799.3	5737.9	5514.0	5456.9
5°	6159.3	5948.6	5720.3	5439.3	5276.9	4943.3	4837.9	4649.1	4679.9	4491.1	4499.9
7.5°	5610.6	5443.7	5057.4	4688.6	4368.2	4078.4	3670.1	3516.5	3367.2	3292.6	3380.4
10°	5290.1	4978.4	4451.6	3968.7	3542.8	3283.8	3011.6	2800.9	2607.7	2462.8	2432.1
12.5°	5057.4	4780.8	4144.3	3556.0	3222.3	3011.6	2761.4	2471.6	2282.9	2032.6	1958.0
15°	4987.2	4649.1	3977.4	3393.6	3068.7	2721.9	2436.5	2151.2	1905.3	1641.9	1549.7
17.5°	5228.6	4837.9	3973.0	3261.8	2805.3	2432.1	2037.0	1716.5	1466.3	1224.8	1167.8
20°	5636.9	5039.8	4100.4	3182.8	2555.0	2054.6	1606.8	1286.3	1005.3	847.3	807.8
22.5°	6102.2	5382.3	4113.5	2972.1	2304.8	1677.0	1172.2	847.3	689.2	614.6	592.7
25°	6673.0	5931.0	4271.6	2800.9	2010.7	1273.1	834.1	649.7	557.5	513.6	504.9
27.5°	7142.7	6313.0	4442.8	2620.9	1720.9	943.9	654.1	531.2	482.9	439.0	434.6
30°	7630.0	6752.0	4491.1	2511.1	1470.7	777.0	561.9	469.7	417.1	395.1	390.7
32.5°	8055.8	7230.5	4644.7	2331.1	1233.6	684.9	509.3	421.5	386.3	351.2	346.8
35°	8604.6	7507.1	4719.4	2234.6	1145.8	619.0	465.4	386.3	333.6	311.7	302.9
37.5°	9192.9	7774.9	4767.7	2159.9	1071.2	579.5	439.0	364.4	316.1	285.4	276.6
40°	9741.6	8152.4	4697.4	2067.7	1014.1	531.2	421.5	338.0	294.1	263.4	250.2
42.5°	10163.1	8521.2	4675.5	1979.9	952.7	513.6	399.5	324.9	276.6	241.5	237.1
45°	10400.2	8771.4	4521.8	1909.7	904.4	522.4	390.7	307.3	263.4	232.7	215.1
47.5°	10343.1	8964.6	4561.3	1887.7	838.5	487.3	386.3	294.1	241.5	215.1	201.9
50°	10659.2	9355.3	4495.5	1817.5	790.2	439.0	421.5	294.1	237.1	206.3	193.2
52.5°	10711.9	9710.9	4636.0	1690.2	715.6	403.9	417.1	289.7	228.3	197.6	180.0
55°	11150.9	10123.6	4908.1	1619.9	654.1	351.2	381.9	281.0	206.3	180.0	171.2
57.5°	11747.9	10979.7	5083.7	1554.1	570.7	307.3	320.5	276.6	188.8	166.8	153.7
60°	12323.0	11322.1	5096.9	1435.6	491.7	276.6	250.2	276.6	175.6	149.3	136.1
62.5°	12753.3	11322.1	5009.1	1334.6	430.2	245.8	219.5	263.4	158.0	131.7	122.9
65°	12520.6	11019.2	4780.8	1251.2	390.7	215.1	188.8	201.9	140.5	114.1	105.4
67.5°	12103.5	10075.3	4276.0	1150.2	386.3	188.8	162.4	149.3	122.9	101.0	92.2
70°	11436.2	8802.2	3560.4	1036.1	377.5	171.2	144.9	127.3	109.8	87.8	79.0
72.5°	9214.8	7270.0	2923.8	970.2	368.8	149.3	122.9	109.8	92.2	74.6	65.9
75°	6383.2	4644.7	2252.1	829.7	360.0	136.1	114.1	96.6	79.0	61.5	57.1
77.5°	3828.2	3103.8	1453.1	623.4	237.1	109.8	96.6	74.6	65.9	52.7	48.3
80°	1791.2	1466.3	588.3	241.5	114.1	79.0	65.9	57.1	52.7	43.9	39.5
82.5°	702.4	619.0	285.4	140.5	92.2	61.5	52.7	48.3	43.9	35.1	30.7
85°	377.5	333.6	136.1	96.6	65.9	43.9	43.9	39.5	35.1	30.7	26.3
87.5°	83.4	61.5	57.1	57.1	48.3	35.1	35.1	30.7	26.3	22.0	17.6
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3
2.5°	5426.2	5492.0	5386.7	5452.5	5360.3	5430.6	5439.3	5373.5	5391.1	5478.9	5518.4
5°	4622.8	4578.9	4482.3	4451.6	4456.0	4398.9	4420.8	4451.6	4499.9	4526.2	4605.2
7.5°	3332.1	3433.1	3428.7	3503.3	3507.7	3498.9	3437.5	3305.7	3349.7	3314.5	3358.4
10°	2383.8	2427.7	2511.1	2559.4	2647.2	2598.9	2458.5	2405.8	2379.4	2375.0	2418.9
12.5°	1905.3	1799.9	1791.2	1808.7	1852.6	1795.6	1725.3	1663.9	1694.6	1756.0	1804.3
15°	1475.1	1387.3	1273.1	1255.6	1264.4	1238.0	1163.4	1084.4	1106.3	1167.8	1202.9
17.5°	1132.6	1031.7	952.7	900.0	882.4	790.2	680.5	614.6	597.1	592.7	623.4
20°	763.9	746.3	733.1	667.3	667.3	535.6	443.4	395.1	395.1	403.9	408.3
22.5°	570.7	548.8	553.2	540.0	504.9	399.5	351.2	338.0	338.0	346.8	346.8
25°	496.1	465.4	456.6	452.2	417.1	342.4	307.3	294.1	294.1	302.9	302.9
27.5°	421.5	412.7	399.5	381.9	351.2	294.1	272.2	259.0	263.4	267.8	263.4
30°	386.3	364.4	346.8	346.8	311.7	263.4	245.8	237.1	228.3	237.1	241.5
32.5°	342.4	329.3	320.5	307.3	267.8	232.7	215.1	206.3	201.9	201.9	206.3
35°	294.1	294.1	285.4	267.8	232.7	210.7	188.8	180.0	175.6	180.0	180.0
37.5°	263.4	250.2	254.6	237.1	206.3	184.4	162.4	153.7	153.7	149.3	153.7
40°	245.8	223.9	210.7	201.9	184.4	158.0	140.5	131.7	127.3	127.3	127.3
42.5°	219.5	201.9	175.6	171.2	166.8	136.1	114.1	109.8	105.4	101.0	101.0
45°	206.3	180.0	158.0	136.1	136.1	114.1	96.6	87.8	83.4	79.0	83.4
47.5°	188.8	162.4	136.1	114.1	109.8	92.2	74.6	65.9	61.5	61.5	61.5
50°	180.0	144.9	118.5	96.6	83.4	74.6	57.1	48.3	43.9	43.9	43.9
52.5°	166.8	136.1	105.4	83.4	65.9	57.1	43.9	35.1	30.7	30.7	30.7
55°	149.3	122.9	92.2	70.2	57.1	43.9	30.7	22.0	17.6	17.6	17.6
57.5°	140.5	109.8	79.0	61.5	43.9	30.7	17.6	13.2	13.2	8.8	13.2
60°	127.3	96.6	65.9	48.3	35.1	22.0	13.2	4.4	4.4	4.4	4.4
62.5°	109.8	83.4	57.1	39.5	26.3	13.2	4.4	0.0	0.0	0.0	0.0
65°	92.2	65.9	43.9	30.7	17.6	4.4	0.0	0.0	0.0	0.0	0.0
67.5°	79.0	57.1	35.1	22.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	70.2	48.3	26.3	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	57.1	39.5	22.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	48.3	30.7	13.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	39.5	22.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	30.7	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	26.3	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.2	4.4	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

TEST NUMBER: P599409
 CATALOG NUMBER: IFLD-S-SA6A-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3	6181.3
2.5°	5575.4	5549.1	5680.8	5895.9	6005.7	6220.8	6273.5	6409.6	6374.4	6422.7
5°	4614.0	4666.7	4859.8	5175.9	5290.1	5601.8	5895.9	6190.0	6378.8	6471.0
7.5°	3424.3	3599.9	3837.0	4126.7	4420.8	4829.1	5329.6	5672.0	5856.4	6054.0
10°	2550.7	2739.4	3011.6	3297.0	3775.5	4232.1	4732.5	5158.4	5316.4	5500.8
12.5°	2006.3	2300.4	2616.5	2923.8	3209.2	3643.8	4262.8	4881.8	5053.0	5193.5
15°	1396.1	1756.0	2208.2	2607.7	3007.2	3384.8	4025.7	4776.4	5009.1	5246.2
17.5°	772.7	1058.0	1576.0	2138.0	2726.3	3305.7	4104.7	4969.6	5320.8	5487.6
20°	447.8	561.9	930.7	1598.0	2375.0	3134.5	4144.3	5334.0	5799.3	5882.7
22.5°	368.8	408.3	526.8	1000.9	1944.8	3024.8	4346.2	5843.2	6317.4	6514.9
25°	316.1	346.8	408.3	601.4	1470.7	2792.1	4473.5	6479.8	6918.8	7133.9
27.5°	281.0	311.7	360.0	443.4	1000.9	2471.6	4684.2	7054.9	7493.9	7788.0
30°	245.8	272.2	320.5	377.5	693.6	2111.6	4864.2	7476.4	8095.4	8187.5
32.5°	219.5	241.5	276.6	324.9	513.6	1602.4	5009.1	7911.0	8433.4	8635.3
35°	188.8	215.1	237.1	276.6	390.7	1207.3	4921.3	8249.0	8929.5	9170.9
37.5°	166.8	184.4	206.3	232.7	329.3	943.9	4741.3	8652.9	9355.3	9579.2
40°	140.5	153.7	180.0	206.3	298.5	728.8	4535.0	9140.2	9952.4	10347.5
42.5°	118.5	131.7	149.3	193.2	245.8	540.0	4117.9	9517.7	10435.3	10768.9
45°	92.2	109.8	136.1	193.2	197.6	399.5	3687.7	9798.7	10707.5	10874.3
47.5°	70.2	87.8	131.7	166.8	158.0	276.6	3178.4	10119.2	10988.4	11142.1
50°	52.7	70.2	149.3	144.9	131.7	210.7	2858.0	10343.1	11006.0	11089.4
52.5°	35.1	52.7	122.9	109.8	109.8	184.4	2770.2	10334.3	11049.9	10869.9
55°	26.3	39.5	70.2	79.0	96.6	162.4	2691.1	10663.6	11063.1	11190.4
57.5°	17.6	30.7	48.3	61.5	83.4	140.5	2528.7	11058.7	11471.3	11537.2
60°	8.8	22.0	35.1	48.3	70.2	122.9	2300.4	11348.4	11967.4	12037.7
62.5°	4.4	13.2	26.3	39.5	57.1	96.6	2063.3	10887.5	11752.3	11875.2
65°	0.0	8.8	17.6	26.3	35.1	70.2	1677.0	9829.4	10900.6	11352.8
67.5°	0.0	0.0	8.8	17.6	22.0	52.7	1264.4	8942.6	10114.8	10729.4
70°	0.0	0.0	4.4	4.4	13.2	39.5	807.8	7406.1	9030.4	9368.5
72.5°	0.0	0.0	0.0	0.0	4.4	26.3	469.7	5500.8	7076.9	7704.6
75°	0.0	0.0	0.0	0.0	0.0	22.0	237.1	3538.4	4925.7	5768.6
77.5°	0.0	0.0	0.0	0.0	0.0	17.6	127.3	2282.9	3630.6	4337.4
80°	0.0	0.0	0.0	0.0	0.0	4.4	74.6	1325.8	2322.4	2814.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	30.7	649.7	1387.3	1624.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.8	346.8	693.6	913.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	48.3	92.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)