

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: P599415

Luminaire Tested: **IFLD-M-SA4B-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: P599415
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4B-727-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 2700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

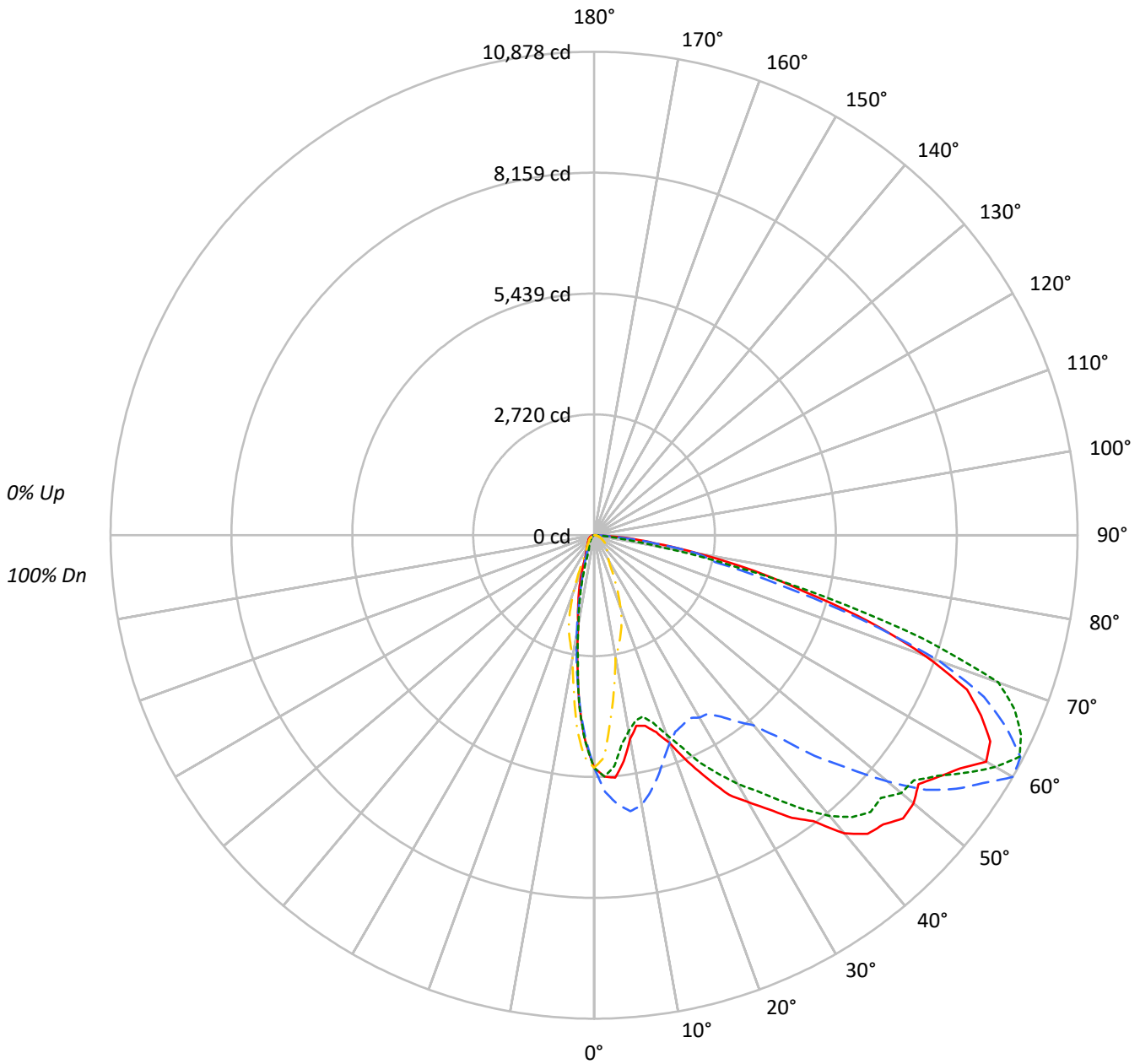
Lumens per Lamp: N/A
 Luminaire Lumens: 13911.7 lumens
 Efficiency: N/A
 Efficacy: 83.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 166.1
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	56303	56303	56303	56303
5°	59167	56317	41144	41385
10°	50878	48929	22495	21967
15°	49471	47028	14614	11012
20°	57023	54640	7830	3915
25°	71698	67065	5074	3044
30°	86115	80251	4109	2493
35°	101977	95680	3368	2001
40°	123037	115833	2976	1513
45°	140079	133970	2770	1018
50°	157143	151046	2738	621
55°	177708	177081	2719	280
60°	219293	224492	2480	80
65°	244686	269855	2272	0
70°	249500	304569	2105	0
75°	203015	224645	2009	0
80°	147609	93954	2070	0
85°	95430	39459	2754	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	397.4	2.9
10°-20°	779.2	5.6
20°-30°	1078.3	7.8
30°-40°	1524.0	11.0
40°-50°	2074.9	14.9
50°-60°	2748.1	19.8
60°-70°	3190.7	22.9
70°-80°	1806.9	13.0
80°-90°	312.2	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°	2254.9	16.2
0°-40°	3778.9	27.2
0°-60°	8601.9	61.8
0°-90°	13911.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	13911.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5231	5231	5231	5231	5231	
5°	5476	5212	3808	3830	5476	492
15°	4439	4220	1311	988	4439	1302
25°	6037	5647	427	256	6037	2816
35°	7761	7281	256	152	7761	4892
45°	9202	8801	182	67	9202	7134
55°	9470	9436	145	15	9470	8579
65°	9607	10595	89	0	9607	9365
75°	4882	5402	48	0	4882	5328
85°	773	320	22	0	773	928
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°	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7
2.5°	5435.0	5550.2	5553.9	5605.9	5657.9	5657.9	5780.5	5750.8	5643.1	5624.5	5546.5
5°	5475.9	5516.8	5546.5	5810.3	6033.2	6010.9	6077.7	6033.2	5825.1	5557.6	5375.6
7.5°	5123.0	5167.6	5286.4	5736.0	6036.9	6137.2	6263.5	5984.9	5765.7	5282.7	4933.5
10°	4654.9	4740.3	4959.5	5472.2	5843.7	6163.2	6163.2	5940.3	5516.8	5045.0	4617.7
12.5°	4394.8	4565.7	4684.6	5204.7	5687.7	5906.8	5899.4	5780.5	5505.6	4911.2	4428.3
15°	4439.4	4487.7	4740.3	5145.3	5464.8	5453.6	5587.4	5550.2	5357.0	5030.1	4498.9
17.5°	4643.7	4718.0	4937.2	5145.3	5297.6	5253.0	5249.3	5427.6	5438.8	5230.7	4762.6
20°	4978.1	5197.3	5301.3	5364.5	5178.7	4989.2	4967.0	5215.9	5409.0	5487.1	5078.4
22.5°	5513.1	5657.9	5869.7	5546.5	5063.5	4825.8	4781.2	5056.1	5446.2	5791.7	5487.1
25°	6036.9	6148.3	6352.6	5936.6	5193.6	4792.3	4714.3	4952.1	5587.4	6215.2	5981.1
27.5°	6590.4	6687.0	6709.3	6222.6	5264.2	4725.5	4632.6	4952.1	5706.2	6438.1	6571.8
30°	6928.5	7043.6	7065.9	6475.2	5379.3	4781.2	4736.6	4974.4	5788.0	6627.6	6995.3
32.5°	7307.4	7337.1	7318.5	6519.8	5505.6	4944.7	4758.9	5123.0	5880.8	6854.2	7381.7
35°	7760.6	7812.6	7623.2	6724.1	5788.0	5048.7	4981.8	5305.0	6040.6	6958.2	7849.8
37.5°	8106.1	8269.6	7842.4	6802.2	5843.7	5267.9	5279.0	5683.9	6152.0	7084.5	8366.2
40°	8756.3	8481.3	8213.9	7069.6	6055.4	5639.4	5579.9	6074.0	6527.3	7166.2	8704.2
42.5°	9112.9	8968.0	8358.7	7095.6	6382.4	6152.0	6166.9	6516.1	6724.1	7396.6	8797.1
45°	9202.1	9049.7	8555.6	7114.2	6705.6	6757.6	7013.9	7080.8	7013.9	7548.9	8971.7
47.5°	9428.7	9098.0	8533.4	7363.1	7229.4	7430.0	7756.9	7901.8	7407.7	7493.2	9053.5
50°	9384.1	9194.6	8485.1	7467.1	7868.4	8399.6	8618.8	8559.4	7846.1	7378.0	8964.3
52.5°	9198.3	8994.0	8633.7	7749.5	8466.5	9109.2	9413.8	9265.2	8236.2	7638.0	8904.9
55°	9469.5	9313.5	8826.8	8132.1	8916.0	9733.3	9948.8	9837.3	8715.4	7879.5	9242.9
57.5°	9763.0	9729.6	9350.7	8581.6	9447.2	10376.0	10376.0	10238.5	9131.5	8228.7	9744.4
60°	10186.5	10260.8	9737.0	8878.8	9629.3	10338.8	10877.5	10717.8	9551.3	8841.7	10312.8
62.5°	10049.1	10286.8	10234.8	9517.8	9837.3	10520.9	10814.4	10933.2	10071.4	9588.4	11070.7
65°	9607.0	9859.6	10231.1	9937.6	9681.3	10078.8	10227.4	10587.7	10331.4	10290.5	11382.8
67.5°	9079.5	9354.4	9584.7	10220.0	9365.5	9629.3	9499.3	9614.4	10049.1	11059.5	11561.1
70°	7927.8	8191.6	8555.6	9592.1	8529.6	8291.9	8258.4	8202.7	8878.8	10784.6	10751.2
72.5°	6519.8	6642.4	7244.2	7797.8	6311.8	6267.2	6319.2	6256.1	7039.9	9763.0	9209.5
75°	4881.5	5004.1	5345.9	5988.6	4298.3	4041.9	4339.1	4632.6	5375.6	7578.6	6616.4
77.5°	3670.4	3826.4	4041.9	4480.3	3154.0	2752.8	2793.7	3072.3	3885.9	6070.3	3707.6
80°	2381.3	2362.7	2778.8	3083.4	2373.9	2448.2	2344.2	2548.5	2816.0	3246.9	1894.6
82.5°	1374.5	1393.1	1567.7	1768.3	1653.2	1890.9	1363.4	2277.3	2009.8	1322.5	705.8
85°	772.7	806.2	965.9	1225.9	1036.5	694.7	568.4	1129.4	1263.1	542.4	341.8
87.5°	78.0	66.9	130.0	464.4	282.3	115.2	170.9	271.2	304.6	204.3	100.3
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°	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7
2.5°	5435.0	5435.0	5342.2	5186.1	5123.0	5011.5	4859.2	4907.5	4855.5	4666.0	4617.7
5°	5212.1	5033.8	4840.6	4602.9	4465.4	4183.1	4093.9	3934.2	3960.2	3800.4	3807.9
7.5°	4747.8	4606.6	4279.7	3967.6	3696.4	3451.2	3105.7	2975.7	2849.4	2786.2	2860.5
10°	4476.6	4212.8	3767.0	3358.4	2998.0	2778.8	2548.5	2370.2	2206.7	2084.1	2058.1
12.5°	4279.7	4045.6	3507.0	3009.1	2726.8	2548.5	2336.7	2091.5	1931.8	1720.0	1656.9
15°	4220.2	3934.2	3365.8	2871.7	2596.8	2303.3	2061.8	1820.3	1612.3	1389.4	1311.4
17.5°	4424.6	4093.9	3362.1	2760.2	2373.9	2058.1	1723.8	1452.6	1240.8	1036.5	988.2
20°	4770.1	4264.8	3469.8	2693.4	2162.1	1738.6	1359.7	1088.5	850.7	717.0	683.6
22.5°	5163.8	4554.6	3481.0	2515.1	1950.4	1419.1	991.9	717.0	583.3	520.1	501.5
25°	5646.8	5019.0	3614.7	2370.2	1701.5	1077.3	705.8	549.8	471.8	434.7	427.2
27.5°	6044.3	5342.2	3759.6	2217.9	1456.3	798.7	553.5	449.5	408.6	371.5	367.8
30°	6456.7	5713.7	3800.4	2125.0	1244.5	657.6	475.5	397.5	352.9	334.3	330.6
32.5°	6817.0	6118.6	3930.5	1972.7	1043.9	579.5	430.9	356.6	326.9	297.2	293.5
35°	7281.4	6352.6	3993.6	1890.9	969.6	523.8	393.8	326.9	282.3	263.8	256.3
37.5°	7779.2	6579.3	4034.5	1827.8	906.5	490.4	371.5	308.3	267.5	241.5	234.0
40°	8243.6	6898.8	3975.0	1749.8	858.2	449.5	356.6	286.1	248.9	222.9	211.8
42.5°	8600.2	7210.8	3956.5	1675.5	806.2	434.7	338.1	274.9	234.0	204.3	200.6
45°	8800.8	7422.6	3826.4	1616.0	765.3	442.1	330.6	260.0	222.9	196.9	182.0
47.5°	8752.5	7586.0	3859.9	1597.4	709.6	412.4	326.9	248.9	204.3	182.0	170.9
50°	9020.0	7916.7	3804.2	1538.0	668.7	371.5	356.6	248.9	200.6	174.6	163.5
52.5°	9064.6	8217.6	3923.0	1430.3	605.5	341.8	352.9	245.2	193.2	167.2	152.3
55°	9436.1	8566.8	4153.4	1370.8	553.5	297.2	323.2	237.8	174.6	152.3	144.9
57.5°	9941.3	9291.2	4302.0	1315.1	482.9	260.0	271.2	234.0	159.7	141.2	130.0
60°	10428.0	9581.0	4313.1	1214.8	416.1	234.0	211.8	234.0	148.6	126.3	115.2
62.5°	10792.1	9581.0	4238.8	1129.4	364.1	208.0	185.7	222.9	133.7	111.4	104.0
65°	10595.2	9324.6	4045.6	1058.8	330.6	182.0	159.7	170.9	118.9	96.6	89.2
67.5°	10242.3	8525.9	3618.4	973.3	326.9	159.7	137.5	126.3	104.0	85.4	78.0
70°	9677.6	7448.6	3012.9	876.7	319.5	144.9	122.6	107.7	92.9	74.3	66.9
72.5°	7797.8	6152.0	2474.2	821.0	312.1	126.3	104.0	92.9	78.0	63.2	55.7
75°	5401.6	3930.5	1905.8	702.1	304.6	115.2	96.6	81.7	66.9	52.0	48.3
77.5°	3239.5	2626.5	1229.7	527.5	200.6	92.9	81.7	63.2	55.7	44.6	40.9
80°	1515.7	1240.8	497.8	204.3	96.6	66.9	55.7	48.3	44.6	37.1	33.4
82.5°	594.4	523.8	241.5	118.9	78.0	52.0	44.6	40.9	37.1	29.7	26.0
85°	319.5	282.3	115.2	81.7	55.7	37.1	37.1	33.4	29.7	26.0	22.3
87.5°	70.6	52.0	48.3	48.3	40.9	29.7	29.7	26.0	22.3	18.6	14.9
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°	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7
2.5°	4591.7	4647.5	4558.3	4614.0	4536.0	4595.5	4602.9	4547.2	4562.0	4636.3	4669.8
5°	3911.9	3874.7	3793.0	3767.0	3770.7	3722.4	3741.0	3767.0	3807.9	3830.2	3897.0
7.5°	2819.7	2905.1	2901.4	2964.6	2968.3	2960.9	2908.8	2797.4	2834.5	2804.8	2842.0
10°	2017.2	2054.4	2125.0	2165.8	2240.1	2199.3	2080.4	2035.8	2013.5	2009.8	2047.0
12.5°	1612.3	1523.1	1515.7	1530.6	1567.7	1519.4	1460.0	1408.0	1434.0	1486.0	1526.9
15°	1248.2	1173.9	1077.3	1062.5	1069.9	1047.6	984.5	917.6	936.2	988.2	1017.9
17.5°	958.5	873.0	806.2	761.6	746.7	668.7	575.8	520.1	505.2	501.5	527.5
20°	646.4	631.5	620.4	564.7	564.7	453.2	375.2	334.3	334.3	341.8	345.5
22.5°	482.9	464.4	468.1	456.9	427.2	338.1	297.2	286.1	286.1	293.5	293.5
25°	419.8	393.8	386.4	382.6	352.9	289.8	260.0	248.9	248.9	256.3	256.3
27.5°	356.6	349.2	338.1	323.2	297.2	248.9	230.3	219.2	222.9	226.6	222.9
30°	326.9	308.3	293.5	293.5	263.8	222.9	208.0	200.6	193.2	200.6	204.3
32.5°	289.8	278.6	271.2	260.0	226.6	196.9	182.0	174.6	170.9	170.9	174.6
35°	248.9	248.9	241.5	226.6	196.9	178.3	159.7	152.3	148.6	152.3	152.3
37.5°	222.9	211.8	215.5	200.6	174.6	156.0	137.5	130.0	130.0	126.3	130.0
40°	208.0	189.5	178.3	170.9	156.0	133.7	118.9	111.4	107.7	107.7	107.7
42.5°	185.7	170.9	148.6	144.9	141.2	115.2	96.6	92.9	89.2	85.4	85.4
45°	174.6	152.3	133.7	115.2	115.2	96.6	81.7	74.3	70.6	66.9	70.6
47.5°	159.7	137.5	115.2	96.6	92.9	78.0	63.2	55.7	52.0	52.0	52.0
50°	152.3	122.6	100.3	81.7	70.6	63.2	48.3	40.9	37.1	37.1	37.1
52.5°	141.2	115.2	89.2	70.6	55.7	48.3	37.1	29.7	26.0	26.0	26.0
55°	126.3	104.0	78.0	59.4	48.3	37.1	26.0	18.6	14.9	14.9	14.9
57.5°	118.9	92.9	66.9	52.0	37.1	26.0	14.9	11.1	11.1	7.4	11.1
60°	107.7	81.7	55.7	40.9	29.7	18.6	11.1	3.7	3.7	3.7	3.7
62.5°	92.9	70.6	48.3	33.4	22.3	11.1	3.7	0.0	0.0	0.0	0.0
65°	78.0	55.7	37.1	26.0	14.9	3.7	0.0	0.0	0.0	0.0	0.0
67.5°	66.9	48.3	29.7	18.6	11.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	59.4	40.9	22.3	14.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	48.3	33.4	18.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	40.9	26.0	11.1	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	33.4	18.6	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	26.0	14.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	22.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	14.9	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.1	3.7	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: P599415
 CATALOG NUMBER: IFLD-M-SA4B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7	5230.7
2.5°	4718.0	4695.8	4807.2	4989.2	5082.1	5264.2	5308.7	5423.9	5394.2	5435.0
5°	3904.5	3949.0	4112.5	4380.0	4476.6	4740.3	4989.2	5238.1	5397.9	5475.9
7.5°	2897.7	3046.3	3246.9	3492.1	3741.0	4086.5	4510.0	4799.8	4955.8	5123.0
10°	2158.4	2318.2	2548.5	2790.0	3194.9	3581.3	4004.8	4365.1	4498.9	4654.9
12.5°	1697.8	1946.7	2214.1	2474.2	2715.7	3083.4	3607.3	4131.1	4276.0	4394.8
15°	1181.4	1486.0	1868.6	2206.7	2544.8	2864.3	3406.7	4041.9	4238.8	4439.4
17.5°	653.8	895.3	1333.7	1809.2	2307.0	2797.4	3473.5	4205.4	4502.6	4643.7
20°	378.9	475.5	787.6	1352.3	2009.8	2652.5	3507.0	4513.7	4907.5	4978.1
22.5°	312.1	345.5	445.8	847.0	1645.7	2559.6	3677.8	4944.7	5345.9	5513.1
25°	267.5	293.5	345.5	509.0	1244.5	2362.7	3785.6	5483.3	5854.8	6036.9
27.5°	237.8	263.8	304.6	375.2	847.0	2091.5	3963.9	5970.0	6341.5	6590.4
30°	208.0	230.3	271.2	319.5	587.0	1786.9	4116.2	6326.6	6850.5	6928.5
32.5°	185.7	204.3	234.0	274.9	434.7	1356.0	4238.8	6694.4	7136.5	7307.4
35°	159.7	182.0	200.6	234.0	330.6	1021.6	4164.5	6980.5	7556.3	7760.6
37.5°	141.2	156.0	174.6	196.9	278.6	798.7	4012.2	7322.3	7916.7	8106.1
40°	118.9	130.0	152.3	174.6	252.6	616.7	3837.6	7734.6	8421.9	8756.3
42.5°	100.3	111.4	126.3	163.5	208.0	456.9	3484.7	8054.1	8830.6	9112.9
45°	78.0	92.9	115.2	163.5	167.2	338.1	3120.6	8291.9	9060.9	9202.1
47.5°	59.4	74.3	111.4	141.2	133.7	234.0	2689.7	8563.1	9298.6	9428.7
50°	44.6	59.4	126.3	122.6	111.4	178.3	2418.5	8752.5	9313.5	9384.1
52.5°	29.7	44.6	104.0	92.9	92.9	156.0	2344.2	8745.1	9350.7	9198.3
55°	22.3	33.4	59.4	66.9	81.7	137.5	2277.3	9023.7	9361.8	9469.5
57.5°	14.9	26.0	40.9	52.0	70.6	118.9	2139.8	9358.1	9707.3	9763.0
60°	7.4	18.6	29.7	40.9	59.4	104.0	1946.7	9603.3	10127.1	10186.5
62.5°	3.7	11.1	22.3	33.4	48.3	81.7	1746.0	9213.2	9945.1	10049.1
65°	0.0	7.4	14.9	22.3	29.7	59.4	1419.1	8317.9	9224.3	9607.0
67.5°	0.0	0.0	7.4	14.9	18.6	44.6	1069.9	7567.5	8559.4	9079.5
70°	0.0	0.0	3.7	3.7	11.1	33.4	683.6	6267.2	7641.8	7927.8
72.5°	0.0	0.0	0.0	0.0	3.7	22.3	397.5	4654.9	5988.6	6519.8
75°	0.0	0.0	0.0	0.0	0.0	18.6	200.6	2994.3	4168.2	4881.5
77.5°	0.0	0.0	0.0	0.0	0.0	14.9	107.7	1931.8	3072.3	3670.4
80°	0.0	0.0	0.0	0.0	0.0	3.7	63.2	1121.9	1965.2	2381.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	26.0	549.8	1173.9	1374.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	7.4	293.5	587.0	772.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	40.9	78.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)