

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: P599590

Luminaire Tested: **IFLD-M-SA4C-827-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: P599590
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-M-SA4C-827-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (64) 2700K CCT, 80 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

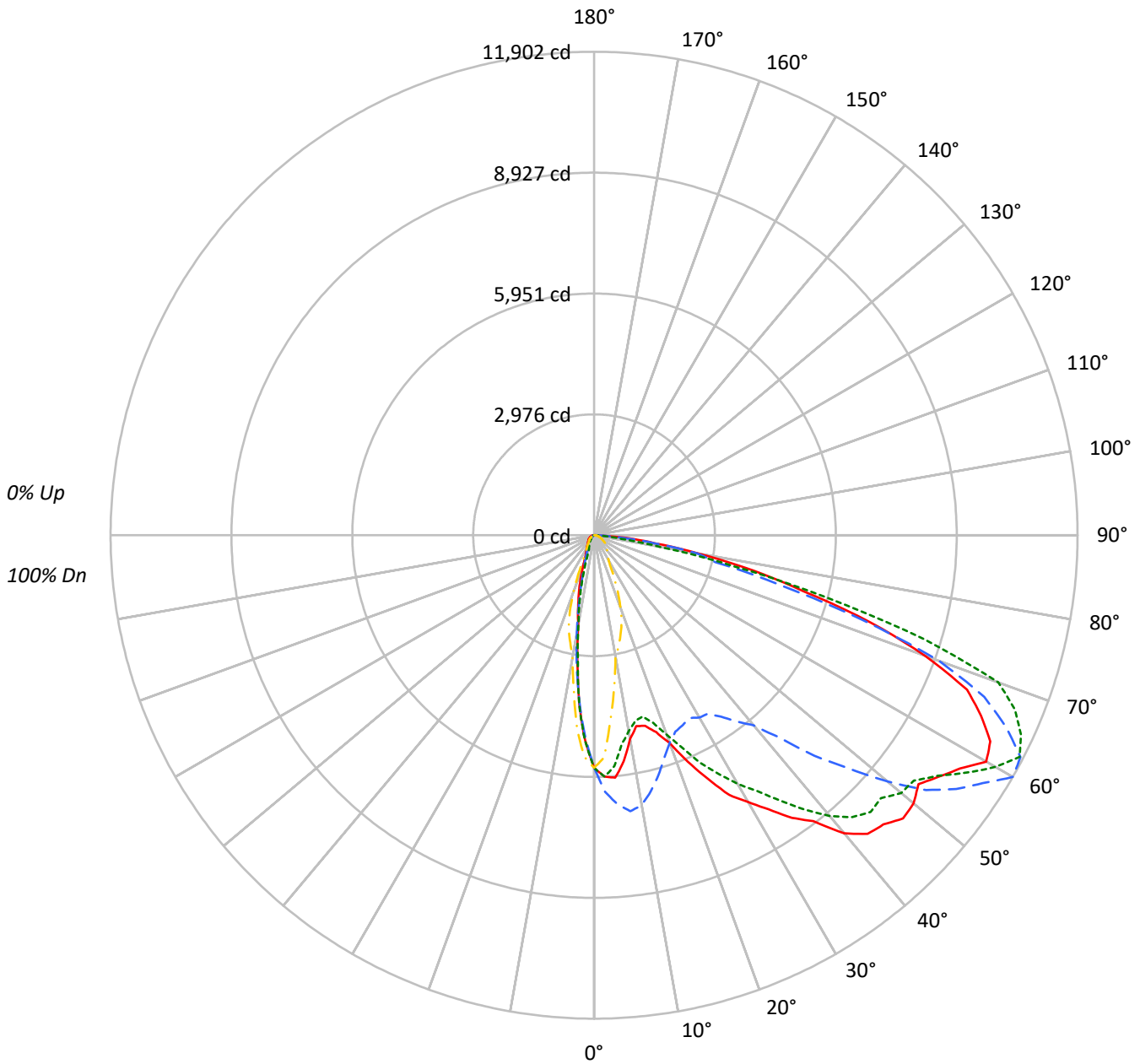
Lumens per Lamp: N/A
 Luminaire Lumens: 15222.4 lumens
 Efficiency: N/A
 Efficacy: 69.8 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 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	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°	61607	61607	61607	61607
5°	64742	61623	45020	45284
10°	55671	53538	24614	24037
15°	54132	51459	15990	12050
20°	62395	59788	8568	4284
25°	78453	73384	5552	3331
30°	94227	87812	4497	2728
35°	111585	104694	3686	2190
40°	134628	126745	3256	1657
45°	153275	146592	3032	1114
50°	171948	165277	2996	680
55°	194451	193764	2974	306
60°	239953	245641	2713	88
65°	267739	295279	2486	0
70°	273007	333262	2304	0
75°	222141	245809	2196	0
80°	161519	102805	2269	0
85°	104421	43176	3013	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	434.8	2.9
10°-20°	852.7	5.6
20°-30°	1179.9	7.8
30°-40°	1667.5	11.0
40°-50°	2270.4	14.9
50°-60°	3007.0	19.8
60°-70°	3491.3	22.9
70°-80°	1977.2	13.0
80°-90°	341.6	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°	2467.4	16.2
0°-40°	4134.9	27.2
0°-60°	9412.3	61.8
0°-90°	15222.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15222.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5724	5724	5724	5724	5724	
5°	5992	5703	4167	4191	5992	538
15°	4858	4618	1435	1081	4858	1425
25°	6606	6179	468	280	6606	3081
35°	8492	7967	280	167	8492	5353
45°	10069	9630	199	73	10069	7806
55°	10362	10325	158	16	10362	9388
65°	10512	11593	98	0	10512	10247
75°	5341	5910	53	0	5341	5830
85°	846	350	24	0	846	1016
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°	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5
2.5°	5947.1	6073.1	6077.2	6134.1	6191.0	6191.0	6325.1	6292.6	6174.7	6154.4	6069.0
5°	5991.8	6036.5	6069.0	6357.7	6601.6	6577.2	6650.3	6601.6	6373.9	6081.2	5882.0
7.5°	5605.6	5654.4	5784.5	6276.4	6605.6	6715.4	6853.6	6548.7	6308.9	5780.4	5398.3
10°	5093.4	5186.9	5426.8	5987.7	6394.2	6743.8	6743.8	6499.9	6036.5	5520.3	5052.8
12.5°	4808.9	4995.9	5126.0	5695.1	6223.5	6463.3	6455.2	6325.1	6024.3	5373.9	4845.5
15°	4857.7	4910.5	5186.9	5630.0	5979.6	5967.4	6113.8	6073.1	5861.7	5504.0	4922.7
17.5°	5081.2	5162.5	5402.4	5630.0	5796.7	5747.9	5743.8	5939.0	5951.2	5723.5	5211.3
20°	5447.1	5686.9	5800.7	5869.9	5666.6	5459.3	5434.9	5707.3	5918.6	6004.0	5556.8
22.5°	6032.5	6191.0	6422.7	6069.0	5540.6	5280.4	5231.6	5532.5	5959.3	6337.3	6004.0
25°	6605.6	6727.6	6951.1	6495.9	5682.9	5243.8	5158.5	5418.6	6113.8	6800.7	6544.6
27.5°	7211.3	7317.0	7341.4	6808.9	5760.1	5170.7	5069.0	5418.6	6243.8	7044.6	7191.0
30°	7581.2	7707.2	7731.6	7085.3	5886.1	5231.6	5182.9	5443.0	6333.3	7252.0	7654.4
32.5°	7995.8	8028.4	8008.0	7134.1	6024.3	5410.5	5207.3	5605.6	6434.9	7499.9	8077.1
35°	8491.8	8548.7	8341.4	7357.6	6333.3	5524.3	5451.2	5804.8	6609.7	7613.7	8589.3
37.5°	8869.8	9048.7	8581.2	7443.0	6394.2	5764.2	5776.4	6219.4	6731.6	7751.9	9154.4
40°	9581.2	9280.4	8987.7	7735.7	6625.9	6170.7	6105.6	6646.3	7142.2	7841.4	9524.3
42.5°	9971.4	9812.9	9146.2	7764.1	6983.7	6731.6	6747.9	7130.0	7357.6	8093.4	9625.9
45°	10069.0	9902.3	9361.7	7784.5	7337.3	7394.2	7674.7	7747.9	7674.7	8260.1	9817.0
47.5°	10317.0	9955.2	9337.3	8056.8	7910.5	8130.0	8487.7	8646.2	8105.6	8199.1	9906.4
50°	10268.2	10060.9	9284.4	8170.6	8609.7	9191.0	9430.8	9365.7	8585.3	8073.1	9808.8
52.5°	10064.9	9841.4	9447.0	8479.6	9264.1	9967.4	10300.7	10138.1	9012.1	8357.6	9743.8
55°	10361.7	10190.9	9658.4	8898.3	9756.0	10650.3	10886.1	10764.1	9536.5	8621.9	10113.7
57.5°	10682.8	10646.2	10231.6	9390.1	10337.3	11353.5	11353.5	11203.1	9991.8	9004.0	10662.5
60°	11146.2	11227.5	10654.4	9715.3	10536.5	11312.9	11902.3	11727.5	10451.1	9674.7	11284.4
62.5°	10995.8	11256.0	11199.1	10414.5	10764.1	11512.1	11833.2	11963.3	11020.2	10491.8	12113.7
65°	10512.1	10788.5	11195.0	10873.9	10593.4	11028.3	11190.9	11585.2	11304.7	11260.0	12455.1
67.5°	9934.8	10235.7	10487.7	11182.8	10247.9	10536.5	10394.2	10520.2	10995.8	12101.5	12650.3
70°	8674.7	8963.3	9361.7	10495.8	9333.2	9073.1	9036.5	8975.5	9715.3	11800.7	11764.1
72.5°	7134.1	7268.2	7926.7	8532.4	6906.4	6857.6	6914.6	6845.5	7703.2	10682.8	10077.1
75°	5341.4	5475.5	5849.5	6552.8	4703.2	4422.7	4747.9	5069.0	5882.0	8292.6	7239.8
77.5°	4016.2	4186.9	4422.7	4902.4	3451.2	3012.2	3056.9	3361.8	4252.0	6642.2	4056.9
80°	2605.7	2585.3	3040.6	3373.9	2597.5	2678.8	2565.0	2788.6	3081.3	3552.8	2073.1
82.5°	1504.0	1524.4	1715.4	1934.9	1808.9	2069.1	1491.9	2491.8	2199.2	1447.1	772.3
85°	845.5	882.1	1056.9	1341.4	1134.1	760.2	621.9	1235.8	1382.1	593.5	374.0
87.5°	85.4	73.2	142.3	508.1	308.9	126.0	187.0	296.7	333.3	223.6	109.8
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°	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5
2.5°	5947.1	5947.1	5845.5	5674.7	5605.6	5483.7	5317.0	5369.9	5312.9	5105.6	5052.8
5°	5703.2	5508.1	5296.7	5036.5	4886.1	4577.2	4479.6	4304.8	4333.3	4158.5	4166.6
7.5°	5195.1	5040.6	4682.9	4341.4	4044.7	3776.4	3398.3	3256.1	3117.9	3048.7	3130.0
10°	4898.3	4609.7	4121.9	3674.8	3280.5	3040.6	2788.6	2593.5	2414.6	2280.5	2252.0
12.5°	4682.9	4426.8	3837.4	3292.6	2983.7	2788.6	2556.9	2288.6	2113.8	1882.1	1813.0
15°	4617.8	4304.8	3682.9	3142.2	2841.4	2520.3	2256.1	1991.8	1764.2	1520.3	1434.9
17.5°	4841.4	4479.6	3678.8	3020.3	2597.5	2252.0	1886.2	1589.4	1357.7	1134.1	1081.3
20°	5219.5	4666.6	3796.7	2947.1	2365.8	1902.4	1487.8	1191.0	930.9	784.5	748.0
22.5°	5650.3	4983.7	3808.9	2752.0	2134.1	1552.8	1085.4	784.5	638.2	569.1	548.8
25°	6178.8	5491.8	3955.2	2593.5	1861.8	1178.8	772.3	601.6	516.3	475.6	467.5
27.5°	6613.7	5845.5	4113.8	2426.8	1593.5	874.0	605.7	491.9	447.1	406.5	402.4
30°	7065.0	6252.0	4158.5	2325.2	1361.8	719.5	520.3	435.0	386.2	365.8	361.8
32.5°	7459.3	6695.0	4300.8	2158.5	1142.3	634.1	471.5	390.2	357.7	325.2	321.1
35°	7967.4	6951.1	4369.9	2069.1	1061.0	573.2	430.9	357.7	308.9	288.6	280.5
37.5°	8512.1	7199.1	4414.6	2000.0	991.9	536.6	406.5	337.4	292.7	264.2	256.1
40°	9020.2	7548.7	4349.5	1914.6	939.0	491.9	390.2	313.0	272.4	243.9	231.7
42.5°	9410.5	7890.2	4329.2	1833.3	882.1	475.6	369.9	300.8	256.1	223.6	219.5
45°	9630.0	8121.9	4186.9	1768.3	837.4	483.7	361.8	284.5	243.9	215.4	199.2
47.5°	9577.1	8300.7	4223.5	1747.9	776.4	451.2	357.7	272.4	223.6	199.2	187.0
50°	9869.8	8662.5	4162.6	1682.9	731.7	406.5	390.2	272.4	219.5	191.1	178.9
52.5°	9918.6	8991.8	4292.6	1565.0	662.6	374.0	386.2	268.3	211.4	182.9	166.7
55°	10325.1	9373.9	4544.7	1500.0	605.7	325.2	353.7	260.2	191.1	166.7	158.5
57.5°	10877.9	10166.6	4707.3	1439.0	528.4	284.5	296.7	256.1	174.8	154.5	142.3
60°	11410.4	10483.6	4719.5	1329.3	455.3	256.1	231.7	256.1	162.6	138.2	126.0
62.5°	11808.8	10483.6	4638.2	1235.8	398.4	227.6	203.2	243.9	146.3	121.9	113.8
65°	11593.4	10203.1	4426.8	1158.5	361.8	199.2	174.8	187.0	130.1	105.7	97.6
67.5°	11207.2	9329.2	3959.3	1065.0	357.7	174.8	150.4	138.2	113.8	93.5	85.4
70°	10589.3	8150.3	3296.7	959.3	349.6	158.5	134.1	117.9	101.6	81.3	73.2
72.5°	8532.4	6731.6	2707.3	898.4	341.5	138.2	113.8	101.6	85.4	69.1	61.0
75°	5910.5	4300.8	2085.3	768.3	333.3	126.0	105.7	89.4	73.2	56.9	52.8
77.5°	3544.7	2874.0	1345.5	577.2	219.5	101.6	89.4	69.1	61.0	48.8	44.7
80°	1658.5	1357.7	544.7	223.6	105.7	73.2	61.0	52.8	48.8	40.6	36.6
82.5°	650.4	573.2	264.2	130.1	85.4	56.9	48.8	44.7	40.6	32.5	28.5
85°	349.6	308.9	126.0	89.4	61.0	40.6	40.6	36.6	32.5	28.5	24.4
87.5°	77.2	56.9	52.8	52.8	44.7	32.5	32.5	28.5	24.4	20.3	16.3
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5
2.5°	5024.3	5085.3	4987.7	5048.7	4963.4	5028.4	5036.5	4975.6	4991.8	5073.1	5109.7
5°	4280.4	4239.8	4150.4	4121.9	4126.0	4073.1	4093.4	4121.9	4166.6	4191.0	4264.2
7.5°	3085.3	3178.8	3174.8	3243.9	3247.9	3239.8	3182.9	3060.9	3101.6	3069.1	3109.7
10°	2207.3	2247.9	2325.2	2369.9	2451.2	2406.5	2276.4	2227.6	2203.2	2199.2	2239.8
12.5°	1764.2	1666.6	1658.5	1674.8	1715.4	1662.6	1597.5	1540.6	1569.1	1626.0	1670.7
15°	1365.8	1284.5	1178.8	1162.6	1170.7	1146.3	1077.2	1004.1	1024.4	1081.3	1113.8
17.5°	1048.8	955.3	882.1	833.3	817.1	731.7	630.1	569.1	552.8	548.8	577.2
20°	707.3	691.0	678.9	617.9	617.9	495.9	410.6	365.8	365.8	374.0	378.0
22.5°	528.4	508.1	512.2	500.0	467.5	369.9	325.2	313.0	313.0	321.1	321.1
25°	459.3	430.9	422.8	418.7	386.2	317.1	284.5	272.4	272.4	280.5	280.5
27.5°	390.2	382.1	369.9	353.7	325.2	272.4	252.0	239.8	243.9	248.0	243.9
30°	357.7	337.4	321.1	321.1	288.6	243.9	227.6	219.5	211.4	219.5	223.6
32.5°	317.1	304.9	296.7	284.5	248.0	215.4	199.2	191.1	187.0	187.0	191.1
35°	272.4	272.4	264.2	248.0	215.4	195.1	174.8	166.7	162.6	166.7	166.7
37.5°	243.9	231.7	235.8	219.5	191.1	170.7	150.4	142.3	142.3	138.2	142.3
40°	227.6	207.3	195.1	187.0	170.7	146.3	130.1	121.9	117.9	117.9	117.9
42.5°	203.2	187.0	162.6	158.5	154.5	126.0	105.7	101.6	97.6	93.5	93.5
45°	191.1	166.7	146.3	126.0	126.0	105.7	89.4	81.3	77.2	73.2	77.2
47.5°	174.8	150.4	126.0	105.7	101.6	85.4	69.1	61.0	56.9	56.9	56.9
50°	166.7	134.1	109.8	89.4	77.2	69.1	52.8	44.7	40.6	40.6	40.6
52.5°	154.5	126.0	97.6	77.2	61.0	52.8	40.6	32.5	28.5	28.5	28.5
55°	138.2	113.8	85.4	65.0	52.8	40.6	28.5	20.3	16.3	16.3	16.3
57.5°	130.1	101.6	73.2	56.9	40.6	28.5	16.3	12.2	12.2	8.1	12.2
60°	117.9	89.4	61.0	44.7	32.5	20.3	12.2	4.1	4.1	4.1	4.1
62.5°	101.6	77.2	52.8	36.6	24.4	12.2	4.1	0.0	0.0	0.0	0.0
65°	85.4	61.0	40.6	28.5	16.3	4.1	0.0	0.0	0.0	0.0	0.0
67.5°	73.2	52.8	32.5	20.3	12.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	65.0	44.7	24.4	16.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	52.8	36.6	20.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	44.7	28.5	12.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	36.6	20.3	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	28.5	16.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	24.4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	16.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.2	4.1	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: P599590
 CATALOG NUMBER: IFLD-M-SA4C-827-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5	5723.5
2.5°	5162.5	5138.2	5260.1	5459.3	5560.9	5760.1	5808.9	5934.9	5902.4	5947.1
5°	4272.3	4321.1	4499.9	4792.6	4898.3	5186.9	5459.3	5731.6	5906.4	5991.8
7.5°	3170.7	3333.3	3552.8	3821.1	4093.4	4471.5	4934.9	5252.0	5422.7	5605.6
10°	2361.8	2536.6	2788.6	3052.8	3495.9	3918.7	4382.1	4776.4	4922.7	5093.4
12.5°	1857.7	2130.1	2422.7	2707.3	2971.5	3373.9	3947.1	4520.3	4678.8	4808.9
15°	1292.7	1626.0	2044.7	2414.6	2784.5	3134.1	3727.6	4422.7	4638.2	4857.7
17.5°	715.4	979.7	1459.3	1979.7	2524.4	3060.9	3800.8	4601.6	4926.8	5081.2
20°	414.6	520.3	861.8	1479.7	2199.2	2902.4	3837.4	4939.0	5369.9	5447.1
22.5°	341.5	378.0	487.8	926.8	1800.8	2800.8	4024.3	5410.5	5849.5	6032.5
25°	292.7	321.1	378.0	556.9	1361.8	2585.3	4142.2	5999.9	6406.4	6605.6
27.5°	260.2	288.6	333.3	410.6	926.8	2288.6	4337.3	6532.4	6938.9	7211.3
30°	227.6	252.0	296.7	349.6	642.3	1955.3	4504.0	6922.7	7495.8	7581.2
32.5°	203.2	223.6	256.1	300.8	475.6	1483.7	4638.2	7325.1	7808.9	7995.8
35°	174.8	199.2	219.5	256.1	361.8	1117.9	4556.9	7638.1	8268.2	8491.8
37.5°	154.5	170.7	191.1	215.4	304.9	874.0	4390.2	8012.1	8662.5	8869.8
40°	130.1	142.3	166.7	191.1	276.4	674.8	4199.1	8463.3	9215.3	9581.2
42.5°	109.8	121.9	138.2	178.9	227.6	500.0	3813.0	8812.9	9662.5	9971.4
45°	85.4	101.6	126.0	178.9	182.9	369.9	3414.6	9073.1	9914.5	10069.0
47.5°	65.0	81.3	121.9	154.5	146.3	256.1	2943.1	9369.8	10174.7	10317.0
50°	48.8	65.0	138.2	134.1	121.9	195.1	2646.3	9577.1	10190.9	10268.2
52.5°	32.5	48.8	113.8	101.6	101.6	170.7	2565.0	9569.0	10231.6	10064.9
55°	24.4	36.6	65.0	73.2	89.4	150.4	2491.8	9873.9	10243.8	10361.7
57.5°	16.3	28.5	44.7	56.9	77.2	130.1	2341.4	10239.7	10621.8	10682.8
60°	8.1	20.3	32.5	44.7	65.0	113.8	2130.1	10508.0	11081.2	11146.2
62.5°	4.1	12.2	24.4	36.6	52.8	89.4	1910.5	10081.2	10882.0	10995.8
65°	0.0	8.1	16.3	24.4	32.5	65.0	1552.8	9101.5	10093.4	10512.1
67.5°	0.0	0.0	8.1	16.3	20.3	48.8	1170.7	8280.4	9365.7	9934.8
70°	0.0	0.0	4.1	4.1	12.2	36.6	748.0	6857.6	8361.7	8674.7
72.5°	0.0	0.0	0.0	0.0	4.1	24.4	435.0	5093.4	6552.8	7134.1
75°	0.0	0.0	0.0	0.0	0.0	20.3	219.5	3276.4	4560.9	5341.4
77.5°	0.0	0.0	0.0	0.0	0.0	16.3	117.9	2113.8	3361.8	4016.2
80°	0.0	0.0	0.0	0.0	0.0	4.1	69.1	1227.6	2150.4	2605.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	28.5	601.6	1284.5	1504.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	8.1	321.1	642.3	845.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	44.7	85.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)