

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: P599426

Luminaire Tested: **IFLD-L-SA8C-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: P599426
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA8C-727-U-SLL-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield
 Light Source: (128) 2700K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

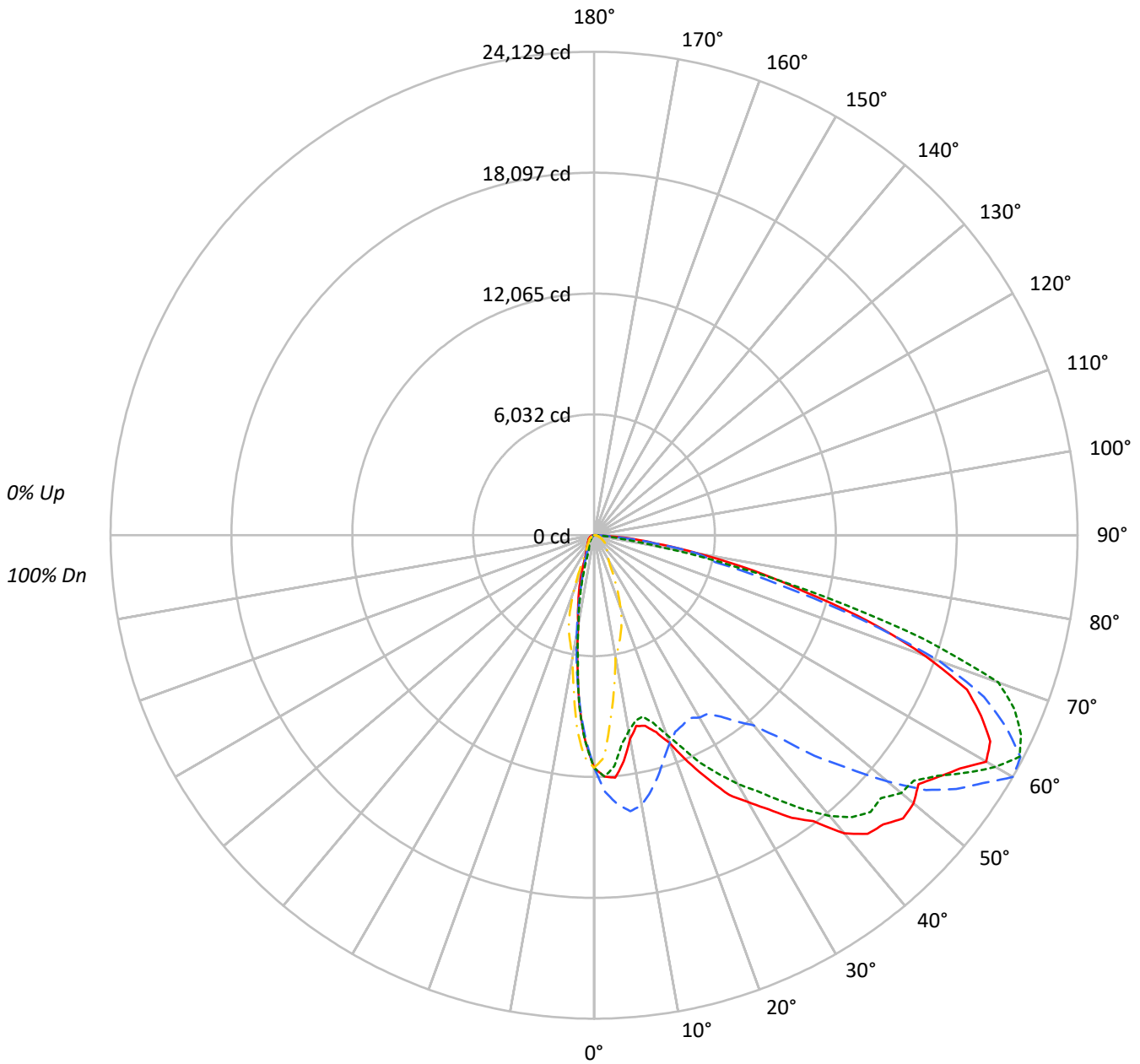
Lumens per Lamp: N/A
 Luminaire Lumens: 30859.9 lumens
 Efficiency: N/A
 Efficacy: 73.4 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 420.3
 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				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	100	100
1	106	100	95	90	103	98	93	89	94	90	86	90	86	83	86	83	81	79	79	79	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61	61	61	61
3	84	72	62	54	81	70	61	53	67	59	52	64	57	51	61	55	50	48	48	48	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	46	41	39	39	39	39
5	69	54	44	36	67	53	43	36	51	42	35	48	41	35	46	40	34	32	32	32	32
6	63	48	38	30	61	47	37	30	45	36	30	43	35	30	41	35	29	27	27	27	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	37	31	25	23	23	23	23
8	54	39	29	23	52	38	29	23	37	28	23	35	28	22	34	27	22	20	20	20	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18	18	18	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16	16	16	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	62447	62447	62447	62447
5°	65624	62463	45635	45901
10°	56430	54268	24950	24365
15°	54870	52161	16208	12214
20°	63246	60603	8684	4342
25°	79523	74384	5628	3377
30°	95513	89009	4558	2765
35°	113106	106122	3736	2220
40°	136464	128474	3300	1679
45°	155365	148591	3073	1129
50°	174292	167530	3036	690
55°	197102	196406	3016	310
60°	243226	248992	2750	88
65°	271390	299305	2519	0
70°	276730	337807	2334	0
75°	225171	249161	2227	0
80°	163720	104209	2300	0
85°	105847	43763	3051	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	881.5	2.9
10°-20°	1728.6	5.6
20°-30°	2392.0	7.8
30°-40°	3380.6	11.0
40°-50°	4602.7	14.9
50°-60°	6096.0	19.8
60°-70°	7077.9	22.9
70°-80°	4008.2	13.0
80°-90°	692.6	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°	5002.1	16.2
0°-40°	8382.6	27.2
0°-60°	19081.3	61.8
0°-90°	30859.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	30859.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	11603	11603	11603	11603	11603	
5°	12147	11562	8447	8496	12147	1091
15°	9848	9362	2909	2192	9848	2888
25°	13391	12526	948	569	13391	6246
35°	17215	16152	569	338	17215	10853
45°	20413	19523	404	148	20413	15826
55°	21006	20932	321	33	21006	19032
65°	21311	23503	198	0	21311	20774
75°	10828	11982	107	0	10828	11818
85°	1714	709	49	0	1714	2060
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°	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1
2.5°	12056.4	12311.8	12320.1	12435.5	12550.8	12550.8	12822.8	12756.8	12517.9	12476.7	12303.6	12303.6
5°	12147.0	12237.7	12303.6	12888.7	13383.2	13333.7	13482.0	13383.2	12921.7	12328.3	11924.5	11924.5
7.5°	11364.1	11463.0	11726.7	12723.9	13391.4	13613.9	13894.1	13276.0	12789.8	11718.5	10943.9	10943.9
10°	10325.8	10515.3	11001.5	12138.8	12962.9	13671.6	13671.6	13177.1	12237.7	11191.1	10243.4	10243.4
12.5°	9748.9	10128.0	10391.7	11545.4	12616.8	13103.0	13086.5	12822.8	12212.9	10894.4	9823.1	9823.1
15°	9847.8	9955.0	10515.3	11413.6	12122.3	12097.6	12394.2	12311.8	11883.3	11158.1	9979.7	9979.7
17.5°	10301.1	10465.9	10952.1	11413.6	11751.5	11652.6	11644.3	12039.9	12064.6	11603.1	10564.8	10564.8
20°	11042.7	11529.0	11759.7	11899.8	11487.8	11067.5	11018.0	11570.2	11998.7	12171.7	11265.3	11265.3
22.5°	12229.4	12550.8	13020.6	12303.6	11232.3	10704.9	10606.0	11215.8	12081.1	12847.5	12171.7	12171.7
25°	13391.4	13638.6	14091.9	13168.9	11520.7	10630.7	10457.6	10985.1	12394.2	13787.0	13267.8	13267.8
27.5°	14619.3	14833.5	14883.0	13803.4	11677.3	10482.4	10276.3	10985.1	12658.0	14281.4	14578.1	14578.1
30°	15369.2	15624.7	15674.1	14363.8	11932.8	10606.0	10507.1	11034.5	12839.3	14701.7	15517.5	15517.5
32.5°	16209.8	16275.7	16234.5	14462.7	12212.9	10968.6	10556.5	11364.1	13045.3	15204.4	16374.6	16374.6
35°	17215.1	17330.5	16910.2	14915.9	12839.3	11199.3	11051.0	11767.9	13399.6	15435.1	17412.9	17412.9
37.5°	17981.5	18344.1	17396.4	15089.0	12962.9	11685.5	11710.3	12608.5	13646.9	15715.3	18558.4	18558.4
40°	19423.7	18813.9	18220.5	15682.3	13432.6	12509.6	12377.8	13473.8	14479.2	15896.6	19308.3	19308.3
42.5°	20214.8	19893.4	18541.9	15740.0	14157.8	13646.9	13679.8	14454.5	14915.9	16407.5	19514.3	19514.3
45°	20412.6	20074.7	18978.7	15781.2	14874.7	14990.1	15558.7	15707.1	15558.7	16745.4	19901.7	19901.7
47.5°	20915.3	20181.9	18929.2	16333.4	16036.7	16481.7	17206.9	17528.3	16432.3	16621.8	20083.0	20083.0
50°	20816.4	20396.1	18822.1	16564.1	17454.1	18632.6	19118.8	18986.9	17404.7	16366.3	19885.2	19885.2
52.5°	20404.4	19951.1	19151.7	17190.4	18780.9	20206.6	20882.3	20552.7	18270.0	16943.2	19753.3	19753.3
55°	21005.9	20659.8	19580.3	18039.2	19778.1	21591.0	22069.0	21821.8	19333.0	17478.9	20503.3	20503.3
57.5°	21657.0	21582.8	20742.2	19036.4	20956.5	23016.7	23016.7	22711.8	20256.0	18253.5	21615.8	21615.8
60°	22596.4	22761.2	21599.3	19695.6	21360.3	22934.3	24129.2	23774.9	21187.2	19613.2	22876.6	22876.6
62.5°	22291.5	22818.9	22703.6	21113.1	21821.8	23338.1	23989.1	24252.8	22341.0	21269.6	24557.8	24557.8
65°	21310.9	21871.2	22695.3	22044.3	21475.7	22357.4	22687.1	23486.4	22917.8	22827.2	25250.0	25250.0
67.5°	20140.7	20750.5	21261.4	22670.6	20775.2	21360.3	21071.9	21327.3	22291.5	24533.0	25645.5	25645.5
70°	17586.0	18171.1	18978.7	21277.9	18921.0	18393.6	18319.4	18195.8	19695.6	23923.2	23849.0	23849.0
72.5°	14462.7	14734.7	16069.7	17297.6	14001.2	13902.3	14017.7	13877.6	15616.4	21657.0	20429.1	20429.1
75°	10828.5	11100.4	11858.6	13284.3	9534.7	8966.1	9625.3	10276.3	11924.5	16811.3	14677.0	14677.0
77.5°	8142.0	8488.1	8966.1	9938.5	6996.5	6106.5	6197.1	6815.2	8619.9	13465.6	8224.4	8224.4
80°	5282.4	5241.2	6164.2	6839.9	5265.9	5430.7	5200.0	5653.2	6246.6	7202.5	4202.8	4202.8
82.5°	3049.1	3090.3	3477.6	3922.6	3667.2	4194.6	3024.4	5051.6	4458.3	2933.7	1565.8	1565.8
85°	1714.1	1788.3	2142.6	2719.5	2299.2	1541.0	1260.9	2505.2	2801.9	1203.2	758.2	758.2
87.5°	173.1	148.3	288.4	1030.1	626.3	255.5	379.1	601.6	675.8	453.2	222.5	222.5
90°	0.0	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°	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1
2.5°	12056.4	12056.4	11850.4	11504.2	11364.1	11116.9	10779.0	10886.2	10770.8	10350.5	10243.4
5°	11561.9	11166.4	10737.8	10210.4	9905.5	9279.2	9081.4	8727.1	8784.8	8430.4	8446.9
7.5°	10531.8	10218.7	9493.5	8801.2	8199.7	7655.8	6889.4	6600.9	6320.7	6180.6	6345.5
10°	9930.2	9345.1	8356.2	7449.7	6650.4	6164.2	5653.2	5257.7	4895.1	4623.1	4565.4
12.5°	9493.5	8974.3	7779.4	6675.1	6048.8	5653.2	5183.5	4639.6	4285.2	3815.5	3675.4
15°	9361.6	8727.1	7466.2	6370.2	5760.4	5109.3	4573.7	4038.0	3576.5	3082.1	2909.0
17.5°	9814.9	9081.4	7458.0	6123.0	5265.9	4565.4	3823.8	3222.2	2752.4	2299.2	2192.1
20°	10581.3	9460.5	7697.0	5974.6	4796.2	3856.7	3016.2	2414.6	1887.2	1590.5	1516.3
22.5°	11454.8	10103.3	7721.7	5579.1	4326.4	3148.0	2200.3	1590.5	1293.8	1153.7	1112.5
25°	12526.1	11133.4	8018.4	5257.7	3774.3	2389.8	1565.8	1219.6	1046.6	964.2	947.7
27.5°	13407.9	11850.4	8339.7	4919.8	3230.4	1771.8	1227.9	997.1	906.5	824.1	815.8
30°	14322.6	12674.4	8430.4	4713.8	2760.7	1458.6	1054.8	881.8	782.9	741.7	733.4
32.5°	15122.0	13572.7	8718.8	4375.9	2315.7	1285.6	955.9	791.1	725.2	659.3	651.0
35°	16152.1	14091.9	8858.9	4194.6	2150.9	1162.0	873.5	725.2	626.3	585.1	568.6
37.5°	17256.4	14594.6	8949.6	4054.5	2010.8	1087.8	824.1	684.0	593.3	535.7	519.2
40°	18286.5	15303.3	8817.7	3881.4	1903.6	997.1	791.1	634.5	552.1	494.5	469.7
42.5°	19077.6	15995.5	8776.5	3716.6	1788.3	964.2	749.9	609.8	519.2	453.2	445.0
45°	19522.6	16465.2	8488.1	3584.8	1697.6	980.7	733.4	576.9	494.5	436.8	403.8
47.5°	19415.5	16827.8	8562.2	3543.6	1574.0	914.7	725.2	552.1	453.2	403.8	379.1
50°	20008.8	17561.3	8438.6	3411.7	1483.4	824.1	791.1	552.1	445.0	387.3	362.6
52.5°	20107.7	18228.8	8702.3	3172.7	1343.3	758.2	782.9	543.9	428.5	370.8	337.9
55°	20931.8	19003.4	9213.3	3040.9	1227.9	659.3	717.0	527.4	387.3	337.9	321.4
57.5°	22052.5	20610.4	9542.9	2917.3	1071.3	576.9	601.6	519.2	354.4	313.2	288.4
60°	23132.1	21253.2	9567.6	2694.8	923.0	519.2	469.7	519.2	329.6	280.2	255.5
62.5°	23939.7	21253.2	9402.8	2505.2	807.6	461.5	412.0	494.5	296.7	247.2	230.7
65°	23502.9	20684.5	8974.3	2348.6	733.4	403.8	354.4	379.1	263.7	214.3	197.8
67.5°	22720.0	18912.8	8026.6	2159.1	725.2	354.4	304.9	280.2	230.7	189.5	173.1
70°	21467.4	16522.9	6683.3	1944.8	708.7	321.4	271.9	239.0	206.0	164.8	148.3
72.5°	17297.6	13646.9	5488.4	1821.2	692.2	280.2	230.7	206.0	173.1	140.1	123.6
75°	11982.2	8718.8	4227.6	1557.5	675.8	255.5	214.3	181.3	148.3	115.4	107.1
77.5°	7186.0	5826.3	2727.7	1170.2	445.0	206.0	181.3	140.1	123.6	98.9	90.6
80°	3362.3	2752.4	1104.3	453.2	214.3	148.3	123.6	107.1	98.9	82.4	74.2
82.5°	1318.5	1162.0	535.7	263.7	173.1	115.4	98.9	90.6	82.4	65.9	57.7
85°	708.7	626.3	255.5	181.3	123.6	82.4	82.4	74.2	65.9	57.7	49.4
87.5°	156.6	115.4	107.1	107.1	90.6	65.9	65.9	57.7	49.4	41.2	33.0
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°	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1
2.5°	10185.7	10309.3	10111.5	10235.1	10062.1	10193.9	10210.4	10086.8	10119.8	10284.6	10358.8
5°	8677.6	8595.2	8413.9	8356.2	8364.5	8257.3	8298.5	8356.2	8446.9	8496.3	8644.7
7.5°	6254.8	6444.3	6436.1	6576.2	6584.4	6568.0	6452.6	6205.4	6287.8	6221.8	6304.3
10°	4474.8	4557.2	4713.8	4804.4	4969.2	4878.6	4614.9	4516.0	4466.5	4458.3	4540.7
12.5°	3576.5	3378.8	3362.3	3395.2	3477.6	3370.5	3238.7	3123.3	3181.0	3296.3	3387.0
15°	2768.9	2604.1	2389.8	2356.9	2373.4	2323.9	2183.8	2035.5	2076.7	2192.1	2258.0
17.5°	2126.1	1936.6	1788.3	1689.4	1656.4	1483.4	1277.3	1153.7	1120.8	1112.5	1170.2
20°	1433.9	1400.9	1376.2	1252.6	1252.6	1005.4	832.3	741.7	741.7	758.2	766.4
22.5°	1071.3	1030.1	1038.3	1013.6	947.7	749.9	659.3	634.5	634.5	651.0	651.0
25°	931.2	873.5	857.0	848.8	782.9	642.8	576.9	552.1	552.1	568.6	568.6
27.5°	791.1	774.6	749.9	717.0	659.3	552.1	510.9	486.2	494.5	502.7	494.5
30°	725.2	684.0	651.0	651.0	585.1	494.5	461.5	445.0	428.5	445.0	453.2
32.5°	642.8	618.1	601.6	576.9	502.7	436.8	403.8	387.3	379.1	379.1	387.3
35°	552.1	552.1	535.7	502.7	436.8	395.6	354.4	337.9	329.6	337.9	337.9
37.5°	494.5	469.7	478.0	445.0	387.3	346.1	304.9	288.4	288.4	280.2	288.4
40°	461.5	420.3	395.6	379.1	346.1	296.7	263.7	247.2	239.0	239.0	239.0
42.5°	412.0	379.1	329.6	321.4	313.2	255.5	214.3	206.0	197.8	189.5	189.5
45°	387.3	337.9	296.7	255.5	255.5	214.3	181.3	164.8	156.6	148.3	156.6
47.5°	354.4	304.9	255.5	214.3	206.0	173.1	140.1	123.6	115.4	115.4	115.4
50°	337.9	271.9	222.5	181.3	156.6	140.1	107.1	90.6	82.4	82.4	82.4
52.5°	313.2	255.5	197.8	156.6	123.6	107.1	82.4	65.9	57.7	57.7	57.7
55°	280.2	230.7	173.1	131.9	107.1	82.4	57.7	41.2	33.0	33.0	33.0
57.5°	263.7	206.0	148.3	115.4	82.4	57.7	33.0	24.7	24.7	16.5	24.7
60°	239.0	181.3	123.6	90.6	65.9	41.2	24.7	8.2	8.2	8.2	8.2
62.5°	206.0	156.6	107.1	74.2	49.4	24.7	8.2	0.0	0.0	0.0	0.0
65°	173.1	123.6	82.4	57.7	33.0	8.2	0.0	0.0	0.0	0.0	0.0
67.5°	148.3	107.1	65.9	41.2	24.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	131.9	90.6	49.4	33.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	107.1	74.2	41.2	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	90.6	57.7	24.7	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	74.2	41.2	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	57.7	33.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	49.4	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	33.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.7	8.2	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: P599426
 CATALOG NUMBER: IFLD-L-SA8C-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1	11603.1
2.5°	10465.9	10416.4	10663.7	11067.5	11273.5	11677.3	11776.2	12031.7	11965.7	12056.4
5°	8661.1	8760.0	9122.6	9716.0	9930.2	10515.3	11067.5	11619.6	11974.0	12147.0
7.5°	6427.9	6757.5	7202.5	7746.4	8298.5	9064.9	10004.4	10647.2	10993.3	11364.1
10°	4787.9	5142.3	5653.2	6188.9	7087.1	7944.2	8883.6	9683.0	9979.7	10325.8
12.5°	3766.1	4318.2	4911.6	5488.4	6024.1	6839.9	8001.9	9163.8	9485.2	9748.9
15°	2620.6	3296.3	4145.2	4895.1	5645.0	6353.7	7556.9	8966.1	9402.8	9847.8
17.5°	1450.4	1986.0	2958.5	4013.3	5117.6	6205.4	7705.2	9328.6	9987.9	10301.1
20°	840.6	1054.8	1747.1	2999.7	4458.3	5884.0	7779.4	10012.6	10886.2	11042.7
22.5°	692.2	766.4	988.9	1878.9	3650.7	5677.9	8158.4	10968.6	11858.6	12229.4
25°	593.3	651.0	766.4	1129.0	2760.7	5241.2	8397.4	12163.5	12987.6	13391.4
27.5°	527.4	585.1	675.8	832.3	1878.9	4639.6	8793.0	13243.1	14067.1	14619.3
30°	461.5	510.9	601.6	708.7	1302.1	3963.9	9130.9	14034.2	15196.1	15369.2
32.5°	412.0	453.2	519.2	609.8	964.2	3007.9	9402.8	14850.0	15830.7	16209.8
35°	354.4	403.8	445.0	519.2	733.4	2266.2	9238.0	15484.6	16761.9	17215.1
37.5°	313.2	346.1	387.3	436.8	618.1	1771.8	8900.1	16242.7	17561.3	17981.5
40°	263.7	288.4	337.9	387.3	560.4	1368.0	8512.8	17157.5	18682.0	19423.7
42.5°	222.5	247.2	280.2	362.6	461.5	1013.6	7729.9	17866.2	19588.5	20214.8
45°	173.1	206.0	255.5	362.6	370.8	749.9	6922.3	18393.6	20099.4	20412.6
47.5°	131.9	164.8	247.2	313.2	296.7	519.2	5966.4	18995.2	20626.9	20915.3
50°	98.9	131.9	280.2	271.9	247.2	395.6	5364.8	19415.5	20659.8	20816.4
52.5°	65.9	98.9	230.7	206.0	206.0	346.1	5200.0	19399.0	20742.2	20404.4
55°	49.4	74.2	131.9	148.3	181.3	304.9	5051.6	20017.0	20767.0	21005.9
57.5°	33.0	57.7	90.6	115.4	156.6	263.7	4746.7	20758.7	21533.4	21657.0
60°	16.5	41.2	65.9	90.6	131.9	230.7	4318.2	21302.6	22464.6	22596.4
62.5°	8.2	24.7	49.4	74.2	107.1	181.3	3873.2	20437.3	22060.8	22291.5
65°	0.0	16.5	33.0	49.4	65.9	131.9	3148.0	18451.3	20462.0	21310.9
67.5°	0.0	0.0	16.5	33.0	41.2	98.9	2373.4	16786.6	18986.9	20140.7
70°	0.0	0.0	8.2	8.2	24.7	74.2	1516.3	13902.3	16951.4	17586.0
72.5°	0.0	0.0	0.0	0.0	8.2	49.4	881.8	10325.8	13284.3	14462.7
75°	0.0	0.0	0.0	0.0	0.0	41.2	445.0	6642.1	9246.2	10828.5
77.5°	0.0	0.0	0.0	0.0	0.0	33.0	239.0	4285.2	6815.2	8142.0
80°	0.0	0.0	0.0	0.0	0.0	8.2	140.1	2488.7	4359.4	5282.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	57.7	1219.6	2604.1	3049.1
85°	0.0	0.0	0.0	0.0	0.0	0.0	16.5	651.0	1302.1	1714.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.7	90.6	173.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)