

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: P599411

Luminaire Tested: **IFLD-S-SA6C-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: P599411
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6C-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

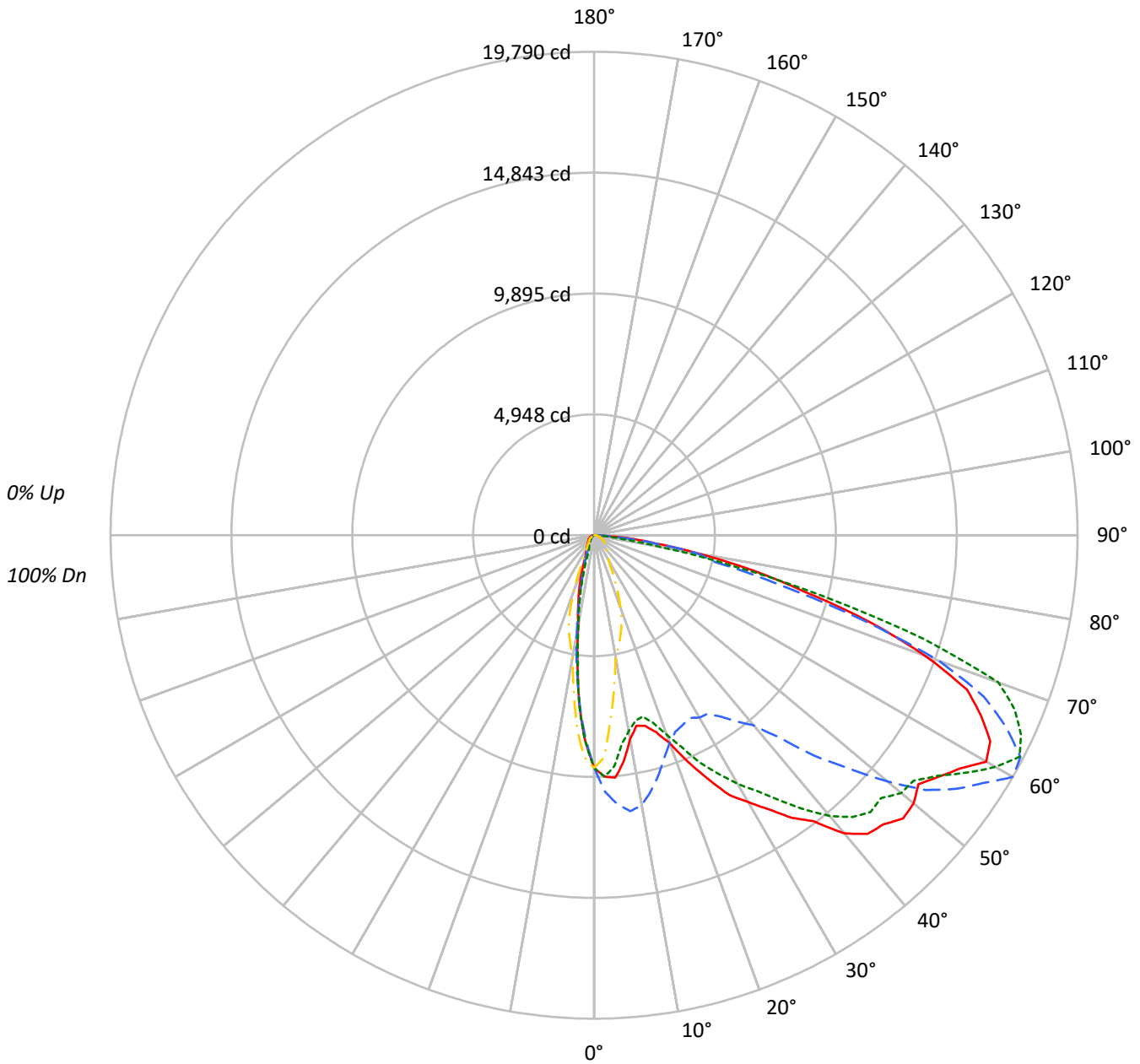
Lumens per Lamp: N/A
 Luminaire Lumens: 25309.6 lumens
 Efficiency: N/A
 Efficacy: 78.7 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 321.5
 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				
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°	68288	68288	68288	68288
5°	71762	68306	49903	50194
10°	61708	59344	27283	26644
15°	60002	57040	17724	13356
20°	69161	66271	9497	4748
25°	86960	81341	6154	3693
30°	104446	97333	4984	3024
35°	123685	116047	4086	2427
40°	149228	140490	3608	1836
45°	169896	162489	3361	1235
50°	190594	183199	3320	755
55°	215536	214775	3298	338
60°	265975	272280	3007	98
65°	296772	327298	2754	0
70°	302612	369401	2553	0
75°	246229	272463	2437	0
80°	179031	113953	2513	0
85°	115746	47853	3343	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	722.9	2.9
10°-20°	1417.7	5.6
20°-30°	1961.8	7.8
30°-40°	2772.5	11.0
40°-50°	3774.9	14.9
50°-60°	4999.6	19.8
60°-70°	5804.9	22.9
70°-80°	3287.3	13.0
80°-90°	568.0	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°	4102.4	16.2
0°-40°	6875.0	27.2
0°-60°	15649.4	61.8
0°-90°	25309.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	25309.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	9516	9516	9516	9516	9516	
5°	9962	9482	6928	6968	9962	895
15°	8077	7678	2386	1798	8077	2369
25°	10983	10273	777	466	10983	5122
35°	14119	13247	466	277	14119	8901
45°	16741	16011	331	122	16741	12979
55°	17228	17167	264	27	17228	15609
65°	17478	19276	162	0	17478	17038
75°	8881	9827	88	0	8881	9693
85°	1406	581	41	0	1406	1689
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°	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2
2.5°	9888.0	10097.5	10104.3	10198.9	10293.5	10293.5	10516.5	10462.5	10266.5	10232.7	10090.7
5°	9962.3	10036.7	10090.7	10570.6	10976.1	10935.6	11057.2	10976.1	10597.6	10111.0	9779.8
7.5°	9320.2	9401.4	9617.6	10435.4	10982.9	11165.4	11395.2	10888.3	10489.5	9610.9	8975.6
10°	8468.7	8624.1	9022.9	9955.6	10631.4	11212.7	11212.7	10807.2	10036.7	9178.3	8401.1
12.5°	7995.5	8306.4	8522.7	9468.9	10347.6	10746.3	10732.8	10516.5	10016.4	8935.0	8056.4
15°	8076.6	8164.5	8624.1	9360.8	9942.0	9921.8	10165.1	10097.5	9746.0	9151.3	8184.8
17.5°	8448.4	8583.5	8982.3	9360.8	9637.9	9556.8	9550.0	9874.5	9894.7	9516.2	8664.7
20°	9056.7	9455.4	9644.7	9759.6	9421.6	9076.9	9036.4	9489.2	9840.7	9982.6	9239.1
22.5°	10029.9	10293.5	10678.7	10090.7	9212.1	8779.6	8698.4	9198.6	9908.3	10536.8	9982.6
25°	10982.9	11185.6	11557.4	10800.4	9448.7	8718.7	8576.8	9009.3	10165.1	11307.3	10881.5
27.5°	11989.9	12165.7	12206.2	11320.8	9577.1	8597.1	8428.1	9009.3	10381.4	11712.8	11956.1
30°	12605.0	12814.5	12855.0	11780.4	9786.6	8698.4	8617.3	9049.9	10530.1	12057.5	12726.6
32.5°	13294.4	13348.4	13314.6	11861.5	10016.4	8995.8	8657.9	9320.2	10699.0	12469.8	13429.5
35°	14118.9	14213.5	13868.9	12233.2	10530.1	9185.1	9063.4	9651.4	10989.6	12659.0	14281.1
37.5°	14747.5	15044.9	14267.6	12375.2	10631.4	9583.8	9604.1	10340.8	11192.4	12888.8	15220.6
40°	15930.3	15430.1	14943.5	12861.8	11016.7	10259.7	10151.6	11050.5	11875.0	13037.5	15835.6
42.5°	16579.1	16315.5	15207.1	12909.1	11611.4	11192.4	11219.4	11854.8	12233.2	13456.6	16004.6
45°	16741.3	16464.2	15565.3	12942.9	12199.5	12294.1	12760.4	12882.1	12760.4	13733.7	16322.3
47.5°	17153.6	16552.1	15524.7	13395.7	13152.4	13517.4	14112.2	14375.8	13476.8	13632.3	16471.0
50°	17072.5	16727.8	15436.9	13585.0	14314.9	15281.4	15680.2	15572.0	14274.4	13422.8	16308.7
52.5°	16734.5	16362.8	15707.2	14098.6	15403.1	16572.3	17126.5	16856.2	14984.0	13895.9	16200.6
55°	17227.9	16944.1	16058.7	14794.8	16220.9	17707.8	18099.8	17897.0	15855.9	14335.2	16815.6
57.5°	17761.9	17701.0	17011.6	15612.6	17187.4	18877.0	18877.0	18627.0	16612.9	14970.5	17728.1
60°	18532.4	18667.5	17714.6	16153.3	17518.5	18809.5	19789.5	19498.8	17376.6	16085.7	18762.1
62.5°	18282.3	18714.8	18620.2	17315.8	17897.0	19140.6	19674.6	19890.9	18322.8	17444.2	20140.9
65°	17478.0	17937.6	18613.5	18079.5	17613.2	18336.4	18606.7	19262.3	18795.9	18721.6	20708.7
67.5°	16518.3	17018.4	17437.4	18593.2	17038.7	17518.5	17282.0	17491.5	18282.3	20120.6	21033.1
70°	14423.1	14902.9	15565.3	17451.0	15518.0	15085.4	15024.6	14923.2	16153.3	19620.5	19559.7
72.5°	11861.5	12084.6	13179.5	14186.5	11483.0	11401.9	11496.5	11381.6	12807.7	17761.9	16754.8
75°	8880.9	9104.0	9725.8	10895.0	7819.8	7353.5	7894.2	8428.1	9779.8	13787.7	12037.2
77.5°	6677.6	6961.5	7353.5	8151.0	5738.1	5008.2	5082.5	5589.4	7069.6	11043.7	6745.2
80°	4332.3	4298.5	5055.5	5609.7	4318.8	4454.0	4264.7	4636.5	5123.1	5907.1	3446.9
82.5°	2500.7	2534.5	2852.2	3217.1	3007.6	3440.2	2480.4	4143.1	3656.5	2406.1	1284.2
85°	1405.8	1466.6	1757.3	2230.4	1885.7	1263.9	1034.1	2054.6	2298.0	986.8	621.8
87.5°	141.9	121.7	236.6	844.8	513.7	209.5	310.9	493.4	554.2	371.7	182.5
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°	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2
2.5°	9888.0	9888.0	9719.0	9435.1	9320.2	9117.5	8840.4	8928.2	8833.6	8488.9	8401.1
5°	9482.5	9158.0	8806.6	8374.0	8124.0	7610.3	7448.1	7157.5	7204.8	6914.1	6927.7
7.5°	8637.6	8380.8	7786.0	7218.3	6724.9	6278.8	5650.3	5413.7	5183.9	5069.0	5204.2
10°	8144.2	7664.4	6853.3	6109.9	5454.3	5055.5	4636.5	4312.1	4014.7	3791.6	3744.3
12.5°	7786.0	7360.2	6380.2	5474.5	4960.9	4636.5	4251.2	3805.1	3514.5	3129.3	3014.4
15°	7677.9	7157.5	6123.4	5224.5	4724.3	4190.4	3751.1	3311.8	2933.3	2527.8	2385.8
17.5°	8049.6	7448.1	6116.6	5021.7	4318.8	3744.3	3136.0	2642.7	2257.4	1885.7	1797.8
20°	8678.2	7759.0	6312.6	4900.1	3933.6	3163.1	2473.7	1980.3	1547.7	1304.4	1243.6
22.5°	9394.6	8286.2	6332.9	4575.6	3548.3	2581.8	1804.6	1304.4	1061.1	946.2	912.4
25°	10273.2	9131.0	6576.2	4312.1	3095.5	1960.0	1284.2	1000.3	858.4	790.8	777.3
27.5°	10996.4	9719.0	6839.8	4034.9	2649.4	1453.1	1007.0	817.8	743.5	675.9	669.1
30°	11746.6	10394.9	6914.1	3866.0	2264.2	1196.3	865.1	723.2	642.1	608.3	601.5
32.5°	12402.2	11131.6	7150.7	3588.9	1899.2	1054.4	784.0	648.8	594.8	540.7	533.9
35°	13247.1	11557.4	7265.6	3440.2	1764.0	953.0	716.4	594.8	513.7	479.9	466.4
37.5°	14152.7	11969.7	7339.9	3325.3	1649.1	892.1	675.9	561.0	486.6	439.3	425.8
40°	14997.6	12550.9	7231.8	3183.3	1561.3	817.8	648.8	520.4	452.8	405.5	385.2
42.5°	15646.4	13118.6	7198.0	3048.2	1466.6	790.8	615.0	500.1	425.8	371.7	365.0
45°	16011.4	13503.9	6961.5	2940.0	1392.3	804.3	601.5	473.1	405.5	358.2	331.2
47.5°	15923.5	13801.3	7022.3	2906.2	1290.9	750.2	594.8	452.8	371.7	331.2	310.9
50°	16410.1	14402.8	6920.9	2798.1	1216.6	675.9	648.8	452.8	365.0	317.7	297.4
52.5°	16491.2	14950.2	7137.2	2602.1	1101.7	621.8	642.1	446.1	351.5	304.1	277.1
55°	17167.1	15585.6	7556.2	2494.0	1007.0	540.7	588.0	432.6	317.7	277.1	263.6
57.5°	18086.3	16903.5	7826.6	2392.6	878.6	473.1	493.4	425.8	290.6	256.8	236.6
60°	18971.7	17430.7	7846.8	2210.1	757.0	425.8	385.2	425.8	270.3	229.8	209.5
62.5°	19634.0	17430.7	7711.7	2054.6	662.4	378.5	337.9	405.5	243.3	202.8	189.2
65°	19275.8	16964.3	7360.2	1926.2	601.5	331.2	290.6	310.9	216.3	175.7	162.2
67.5°	18633.7	15511.2	6583.0	1770.8	594.8	290.6	250.1	229.8	189.2	155.5	141.9
70°	17606.4	13551.2	5481.3	1595.1	581.2	263.6	223.0	196.0	169.0	135.2	121.7
72.5°	14186.5	11192.4	4501.3	1493.7	567.7	229.8	189.2	169.0	141.9	114.9	101.4
75°	9827.1	7150.7	3467.2	1277.4	554.2	209.5	175.7	148.7	121.7	94.6	87.9
77.5°	5893.6	4778.4	2237.1	959.7	365.0	169.0	148.7	114.9	101.4	81.1	74.3
80°	2757.5	2257.4	905.7	371.7	175.7	121.7	101.4	87.9	81.1	67.6	60.8
82.5°	1081.4	953.0	439.3	216.3	141.9	94.6	81.1	74.3	67.6	54.1	47.3
85°	581.2	513.7	209.5	148.7	101.4	67.6	67.6	60.8	54.1	47.3	40.6
87.5°	128.4	94.6	87.9	87.9	74.3	54.1	54.1	47.3	40.6	33.8	27.0
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°	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2
2.5°	8353.8	8455.1	8292.9	8394.3	8252.4	8360.5	8374.0	8272.6	8299.7	8434.9	8495.7
5°	7116.9	7049.3	6900.6	6853.3	6860.1	6772.2	6806.0	6853.3	6927.7	6968.2	7089.9
7.5°	5129.9	5285.3	5278.5	5393.4	5400.2	5386.7	5292.1	5089.3	5156.9	5102.8	5170.4
10°	3670.0	3737.6	3866.0	3940.3	4075.5	4001.1	3784.9	3703.8	3663.2	3656.5	3724.0
12.5°	2933.3	2771.1	2757.5	2784.6	2852.2	2764.3	2656.2	2561.5	2608.9	2703.5	2777.8
15°	2270.9	2135.7	1960.0	1933.0	1946.5	1906.0	1791.1	1669.4	1703.2	1797.8	1851.9
17.5°	1743.7	1588.3	1466.6	1385.5	1358.5	1216.6	1047.6	946.2	919.2	912.4	959.7
20°	1176.0	1149.0	1128.7	1027.3	1027.3	824.6	682.6	608.3	608.3	621.8	628.6
22.5°	878.6	844.8	851.6	831.3	777.3	615.0	540.7	520.4	520.4	533.9	533.9
25°	763.7	716.4	702.9	696.1	642.1	527.2	473.1	452.8	452.8	466.4	466.4
27.5°	648.8	635.3	615.0	588.0	540.7	452.8	419.0	398.8	405.5	412.3	405.5
30°	594.8	561.0	533.9	533.9	479.9	405.5	378.5	365.0	351.5	365.0	371.7
32.5°	527.2	506.9	493.4	473.1	412.3	358.2	331.2	317.7	310.9	310.9	317.7
35°	452.8	452.8	439.3	412.3	358.2	324.4	290.6	277.1	270.3	277.1	277.1
37.5°	405.5	385.2	392.0	365.0	317.7	283.9	250.1	236.6	236.6	229.8	236.6
40°	378.5	344.7	324.4	310.9	283.9	243.3	216.3	202.8	196.0	196.0	196.0
42.5°	337.9	310.9	270.3	263.6	256.8	209.5	175.7	169.0	162.2	155.5	155.5
45°	317.7	277.1	243.3	209.5	209.5	175.7	148.7	135.2	128.4	121.7	128.4
47.5°	290.6	250.1	209.5	175.7	169.0	141.9	114.9	101.4	94.6	94.6	94.6
50°	277.1	223.0	182.5	148.7	128.4	114.9	87.9	74.3	67.6	67.6	67.6
52.5°	256.8	209.5	162.2	128.4	101.4	87.9	67.6	54.1	47.3	47.3	47.3
55°	229.8	189.2	141.9	108.1	87.9	67.6	47.3	33.8	27.0	27.0	27.0
57.5°	216.3	169.0	121.7	94.6	67.6	47.3	27.0	20.3	20.3	13.5	20.3
60°	196.0	148.7	101.4	74.3	54.1	33.8	20.3	6.8	6.8	6.8	6.8
62.5°	169.0	128.4	87.9	60.8	40.6	20.3	6.8	0.0	0.0	0.0	0.0
65°	141.9	101.4	67.6	47.3	27.0	6.8	0.0	0.0	0.0	0.0	0.0
67.5°	121.7	87.9	54.1	33.8	20.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	108.1	74.3	40.6	27.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	87.9	60.8	33.8	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	74.3	47.3	20.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	60.8	33.8	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	47.3	27.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	40.6	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	27.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	20.3	6.8	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: P599411
 CATALOG NUMBER: IFLD-S-SA6C-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2	9516.2
2.5°	8583.5	8543.0	8745.8	9076.9	9245.9	9577.1	9658.2	9867.7	9813.6	9888.0
5°	7103.4	7184.5	7481.9	7968.5	8144.2	8624.1	9076.9	9529.8	9820.4	9962.3
7.5°	5271.8	5542.1	5907.1	6353.2	6806.0	7434.6	8205.1	8732.2	9016.1	9320.2
10°	3926.8	4217.4	4636.5	5075.8	5812.5	6515.4	7285.9	7941.5	8184.8	8468.7
12.5°	3088.7	3541.6	4028.2	4501.3	4940.6	5609.7	6562.7	7515.7	7779.3	7995.5
15°	2149.3	2703.5	3399.6	4014.7	4629.7	5211.0	6197.7	7353.5	7711.7	8076.6
17.5°	1189.5	1628.8	2426.4	3291.5	4197.2	5089.3	6319.4	7650.8	8191.5	8448.4
20°	689.4	865.1	1432.8	2460.2	3656.5	4825.7	6380.2	8211.8	8928.2	9056.7
22.5°	567.7	628.6	811.0	1541.0	2994.1	4656.7	6691.1	8995.8	9725.8	10029.9
25°	486.6	533.9	628.6	925.9	2264.2	4298.5	6887.1	9975.8	10651.7	10982.9
27.5°	432.6	479.9	554.2	682.6	1541.0	3805.1	7211.5	10861.2	11537.1	11989.9
30°	378.5	419.0	493.4	581.2	1067.9	3250.9	7488.6	11510.1	12463.0	12605.0
32.5°	337.9	371.7	425.8	500.1	790.8	2466.9	7711.7	12179.2	12983.5	13294.4
35°	290.6	331.2	365.0	425.8	601.5	1858.6	7576.5	12699.6	13747.2	14118.9
37.5°	256.8	283.9	317.7	358.2	506.9	1453.1	7299.4	13321.4	14402.8	14747.5
40°	216.3	236.6	277.1	317.7	459.6	1121.9	6981.7	14071.6	15322.0	15930.3
42.5°	182.5	202.8	229.8	297.4	378.5	831.3	6339.7	14652.9	16065.4	16579.1
45°	141.9	169.0	209.5	297.4	304.1	615.0	5677.3	15085.4	16484.5	16741.3
47.5°	108.1	135.2	202.8	256.8	243.3	425.8	4893.3	15578.8	16917.0	17153.6
50°	81.1	108.1	229.8	223.0	202.8	324.4	4399.9	15923.5	16944.1	17072.5
52.5°	54.1	81.1	189.2	169.0	169.0	283.9	4264.7	15910.0	17011.6	16734.5
55°	40.6	60.8	108.1	121.7	148.7	250.1	4143.1	16416.9	17031.9	17227.9
57.5°	27.0	47.3	74.3	94.6	128.4	216.3	3893.0	17025.2	17660.5	17761.9
60°	13.5	33.8	54.1	74.3	108.1	189.2	3541.6	17471.2	18424.2	18532.4
62.5°	6.8	20.3	40.6	60.8	87.9	148.7	3176.6	16761.6	18093.0	18282.3
65°	0.0	13.5	27.0	40.6	54.1	108.1	2581.8	15132.7	16781.9	17478.0
67.5°	0.0	0.0	13.5	27.0	33.8	81.1	1946.5	13767.5	15572.0	16518.3
70°	0.0	0.0	6.8	6.8	20.3	60.8	1243.6	11401.9	13902.6	14423.1
72.5°	0.0	0.0	0.0	0.0	6.8	40.6	723.2	8468.7	10895.0	11861.5
75°	0.0	0.0	0.0	0.0	0.0	33.8	365.0	5447.5	7583.3	8880.9
77.5°	0.0	0.0	0.0	0.0	0.0	27.0	196.0	3514.5	5589.4	6677.6
80°	0.0	0.0	0.0	0.0	0.0	6.8	114.9	2041.1	3575.4	4332.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	47.3	1000.3	2135.7	2500.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	13.5	533.9	1067.9	1405.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	74.3	141.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)