

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: P599412

Luminaire Tested: **IFLD-S-SA6D-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: P599412
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA6D-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

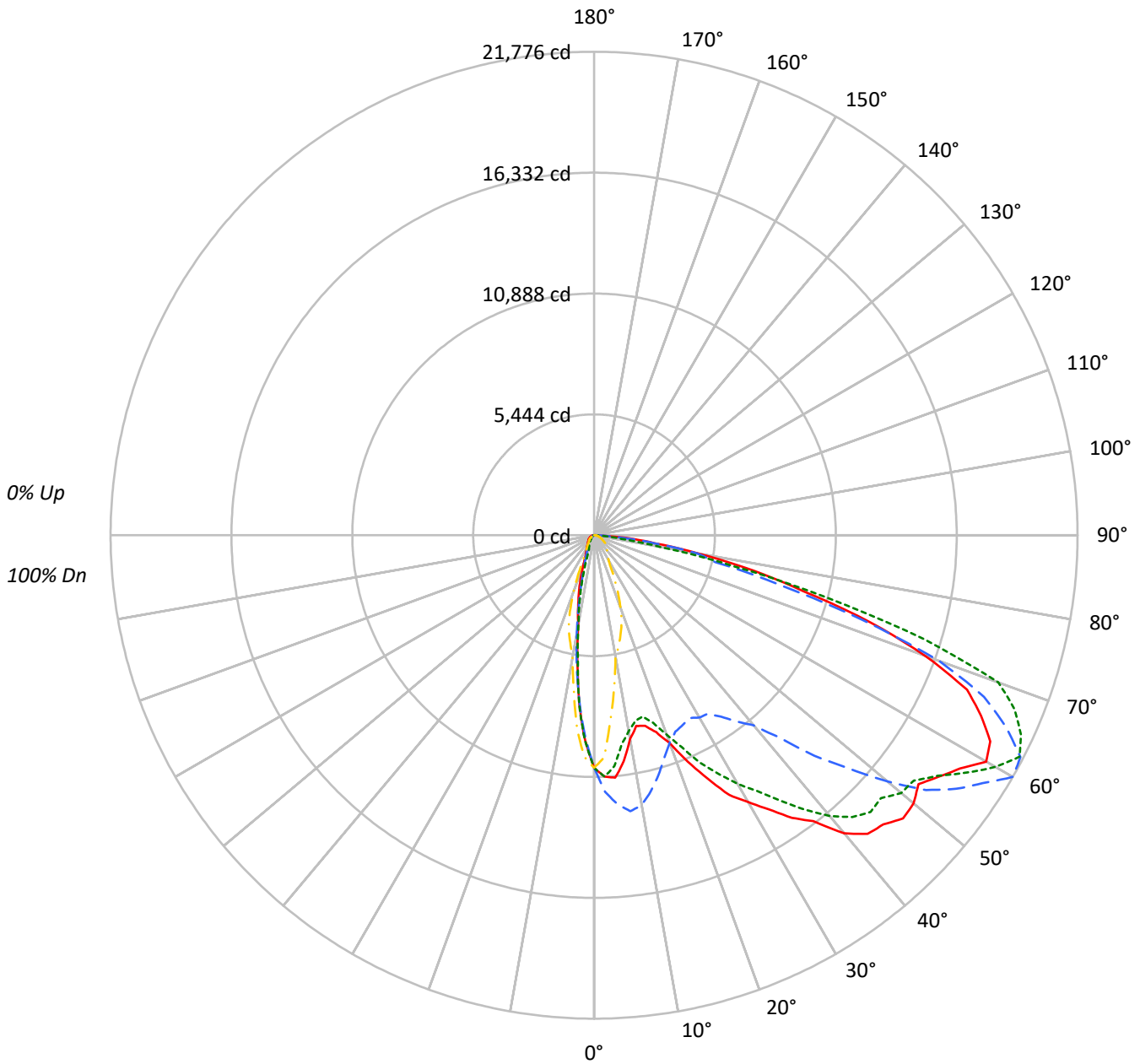
Lumens per Lamp: N/A
 Luminaire Lumens: 27849.6 lumens
 Efficiency: N/A
 Efficacy: 75.6 lumens/watt
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63
 Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 368.2
 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°	75141	75141	75141	75141
5°	78964	75161	54910	55232
10°	67901	65300	30022	29317
15°	66024	62764	19504	14696
20°	76102	72922	10450	5225
25°	95687	89504	6772	4063
30°	114928	107102	5485	3328
35°	136098	127693	4496	2671
40°	164203	154590	3971	2021
45°	186946	178795	3698	1359
50°	209721	201584	3653	831
55°	237167	236329	3628	372
60°	292667	299604	3308	106
65°	326554	360145	3031	0
70°	332980	406472	2809	0
75°	270941	299809	2681	0
80°	196999	125391	2765	0
85°	127364	52661	3672	0

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	795.5	2.9
10°-20°	1559.9	5.6
20°-30°	2158.7	7.8
30°-40°	3050.8	11.0
40°-50°	4153.7	14.9
50°-60°	5501.3	19.8
60°-70°	6387.4	22.9
70°-80°	3617.2	13.0
80°-90°	625.0	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°	4514.1	16.2
0°-40°	7564.9	27.2
0°-60°	17219.9	61.8
0°-90°	27849.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	27849.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10471	10471	10471	10471	10471	
5°	10962	10434	7623	7668	10962	984
15°	8887	8448	2625	1978	8887	2607
25°	12085	11304	855	513	12085	5636
35°	15536	14576	513	305	15536	9794
45°	18421	17618	364	134	18421	14282
55°	18957	18890	290	30	18957	17175
65°	19232	21210	178	0	19232	18748
75°	9772	10813	97	0	9772	10665
85°	1547	640	45	0	1547	1859
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°	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3
2.5°	10880.3	11110.9	11118.3	11222.4	11326.5	11326.5	11571.9	11512.4	11296.8	11259.6	11103.4
5°	10962.1	11043.9	11103.4	11631.4	12077.7	12033.0	12166.9	12077.7	11661.2	11125.7	10761.3
7.5°	10255.6	10344.8	10582.8	11482.7	12085.1	12285.9	12538.8	11981.0	11542.2	10575.4	9876.3
10°	9318.5	9489.6	9928.4	10954.7	11698.4	12338.0	12338.0	11891.7	11043.9	10099.4	9244.2
12.5°	8798.0	9140.1	9378.0	10419.2	11386.0	11824.8	11809.9	11571.9	11021.6	9831.7	8864.9
15°	8887.2	8983.9	9489.6	10300.2	10939.8	10917.5	11185.2	11110.9	10724.1	10069.7	9006.2
17.5°	9296.2	9445.0	9883.7	10300.2	10605.1	10515.9	10508.5	10865.4	10887.7	10471.3	9534.2
20°	9965.6	10404.3	10612.6	10739.0	10367.2	9987.9	9943.2	10441.5	10828.2	10984.4	10166.4
22.5°	11036.5	11326.5	11750.4	11103.4	10136.6	9660.6	9571.4	10121.7	10902.6	11594.3	10984.4
25°	12085.1	12308.2	12717.2	11884.3	10396.9	9593.7	9437.5	9913.5	11185.2	12442.1	11973.5
27.5°	13193.2	13386.6	13431.2	12456.9	10538.2	9459.8	9273.9	9913.5	11423.2	12888.3	13156.0
30°	13870.0	14100.5	14145.1	12962.7	10768.8	9571.4	9482.2	9958.1	11586.8	13267.6	14003.8
32.5°	14628.5	14688.0	14650.9	13051.9	11021.6	9898.6	9526.8	10255.6	11772.7	13721.2	14777.3
35°	15535.9	15640.0	15260.7	13460.9	11586.8	10106.9	9973.0	10620.0	12092.5	13929.5	15714.3
37.5°	16227.5	16554.7	15699.5	13617.1	11698.4	10545.6	10568.0	11378.6	12315.6	14182.3	16748.1
40°	17529.0	16978.6	16443.2	14152.6	12122.3	11289.3	11170.3	12159.5	13066.8	14345.9	17424.9
42.5°	18242.9	17952.9	16733.2	14204.6	12776.7	12315.6	12345.4	13044.5	13460.9	14807.0	17610.8
45°	18421.4	18116.5	17127.4	14241.8	13423.8	13527.9	14041.0	14174.9	14041.0	15111.9	17960.3
47.5°	18875.1	18213.2	17082.7	14740.1	14472.4	14874.0	15528.4	15818.5	14829.3	15000.4	18123.9
50°	18785.8	18406.5	16986.1	14948.3	15751.5	16815.0	17253.8	17134.8	15706.9	14769.8	17945.4
52.5°	18414.0	18004.9	17283.5	15513.5	16948.9	18235.5	18845.3	18547.8	16487.8	15290.4	17826.4
55°	18956.9	18644.5	17670.3	16279.6	17848.8	19484.9	19916.2	19693.1	17447.2	15773.8	18503.2
57.5°	19544.4	19477.5	18718.9	17179.4	18912.2	20771.5	20771.5	20496.3	18280.1	16472.9	19507.2
60°	20392.2	20540.9	19492.3	17774.4	19276.7	20697.1	21775.5	21455.7	19120.5	17700.0	20645.1
62.5°	20117.0	20593.0	20488.9	19053.5	19693.1	21061.5	21649.1	21887.0	20161.7	19194.9	22162.2
65°	19232.0	19737.8	20481.4	19893.9	19380.8	20176.5	20474.0	21195.4	20682.2	20600.4	22786.9
67.5°	18176.0	18726.3	19187.4	20459.1	18748.6	19276.7	19016.4	19246.9	20117.0	22139.9	23143.9
70°	15870.5	16398.5	17127.4	19202.3	17075.3	16599.3	16532.4	16420.9	17774.4	21589.6	21522.6
72.5°	13051.9	13297.3	14502.1	15610.2	12635.4	12546.2	12650.3	12523.9	14093.1	19544.4	18436.3
75°	9772.2	10017.6	10701.8	11988.4	8604.6	8091.4	8686.4	9273.9	10761.3	15171.4	13245.3
77.5°	7347.7	7660.1	8091.4	8969.0	6314.0	5510.8	5592.6	6150.4	7779.1	12152.0	7422.1
80°	4767.1	4729.9	5562.9	6172.7	4752.2	4901.0	4692.7	5101.8	5637.2	6499.9	3792.9
82.5°	2751.7	2788.9	3138.4	3540.0	3309.5	3785.4	2729.4	4558.9	4023.4	2647.6	1413.0
85°	1546.9	1613.8	1933.6	2454.2	2074.9	1390.7	1137.9	2260.8	2528.6	1085.8	684.2
87.5°	156.2	133.9	260.3	929.6	565.2	230.5	342.1	542.9	609.8	409.0	200.8
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°	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3
2.5°	10880.3	10880.3	10694.4	10382.0	10255.6	10032.5	9727.6	9824.3	9720.1	9340.9	9244.2
5°	10434.1	10077.1	9690.4	9214.4	8939.3	8374.0	8195.6	7875.8	7927.8	7608.0	7622.9
7.5°	9504.5	9221.9	8567.4	7942.7	7399.8	6909.0	6217.3	5957.0	5704.2	5577.7	5726.5
10°	8961.6	8433.5	7541.1	6723.0	6001.6	5562.9	5101.8	4744.8	4417.6	4172.1	4120.1
12.5°	8567.4	8098.9	7020.5	6024.0	5458.7	5101.8	4677.9	4187.0	3867.2	3443.3	3316.9
15°	8448.4	7875.8	6737.9	5748.8	5198.5	4610.9	4127.5	3644.1	3227.7	2781.4	2625.3
17.5°	8857.4	8195.6	6730.5	5525.7	4752.2	4120.1	3450.8	2907.9	2484.0	2074.9	1978.2
20°	9549.1	8537.7	6946.1	5391.8	4328.3	3480.5	2721.9	2179.0	1703.1	1435.3	1368.4
22.5°	10337.4	9117.7	6968.5	5034.8	3904.4	2840.9	1985.7	1435.3	1167.6	1041.2	1004.0
25°	11304.2	10047.4	7236.2	4744.8	3406.1	2156.7	1413.0	1100.7	944.5	870.1	855.3
27.5°	12100.0	10694.4	7526.2	4439.9	2915.3	1599.0	1108.1	899.9	818.1	743.7	736.3
30°	12925.5	11438.1	7608.0	4254.0	2491.4	1316.3	951.9	795.8	706.5	669.3	661.9
32.5°	13646.9	12248.7	7868.3	3949.0	2089.8	1160.2	862.7	714.0	654.5	595.0	587.5
35°	14576.5	12717.2	7994.8	3785.4	1941.1	1048.6	788.3	654.5	565.2	528.0	513.2
37.5°	15573.0	13170.9	8076.6	3659.0	1814.6	981.7	743.7	617.3	535.5	483.4	468.5
40°	16502.7	13810.5	7957.6	3502.8	1717.9	899.9	714.0	572.6	498.3	446.2	423.9
42.5°	17216.6	14435.2	7920.4	3354.1	1613.8	870.1	676.8	550.3	468.5	409.0	401.6
45°	17618.2	14859.1	7660.1	3235.1	1532.0	885.0	661.9	520.6	446.2	394.2	364.4
47.5°	17521.5	15186.3	7727.0	3197.9	1420.5	825.5	654.5	498.3	409.0	364.4	342.1
50°	18057.0	15848.2	7615.5	3078.9	1338.7	743.7	714.0	498.3	401.6	349.5	327.2
52.5°	18146.2	16450.6	7853.5	2863.2	1212.2	684.2	706.5	490.8	386.7	334.7	304.9
55°	18889.9	17149.7	8314.5	2744.2	1108.1	595.0	647.0	476.0	349.5	304.9	290.0
57.5°	19901.4	18599.9	8612.0	2632.7	966.8	520.6	542.9	468.5	319.8	282.6	260.3
60°	20875.6	19180.0	8634.3	2431.9	832.9	468.5	423.9	468.5	297.5	252.9	230.5
62.5°	21604.4	19180.0	8485.6	2260.8	728.8	416.5	371.8	446.2	267.7	223.1	208.2
65°	21210.3	18666.8	8098.9	2119.5	661.9	364.4	319.8	342.1	238.0	193.4	178.5
67.5°	20503.8	17067.9	7243.6	1948.5	654.5	319.8	275.2	252.9	208.2	171.1	156.2
70°	19373.3	14911.1	6031.4	1755.1	639.6	290.0	245.4	215.7	185.9	148.7	133.9
72.5°	15610.2	12315.6	4953.0	1643.6	624.7	252.9	208.2	185.9	156.2	126.4	111.6
75°	10813.4	7868.3	3815.2	1405.6	609.8	230.5	193.4	163.6	133.9	104.1	96.7
77.5°	6485.0	5257.9	2461.6	1056.1	401.6	185.9	163.6	126.4	111.6	89.2	81.8
80°	3034.3	2484.0	996.6	409.0	193.4	133.9	111.6	96.7	89.2	74.4	66.9
82.5°	1189.9	1048.6	483.4	238.0	156.2	104.1	89.2	81.8	74.4	59.5	52.1
85°	639.6	565.2	230.5	163.6	111.6	74.4	74.4	66.9	59.5	52.1	44.6
87.5°	141.3	104.1	96.7	96.7	81.8	59.5	59.5	52.1	44.6	37.2	29.7
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°	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3
2.5°	9192.1	9303.7	9125.2	9236.7	9080.6	9199.5	9214.4	9102.9	9132.6	9281.4	9348.3
5°	7831.1	7756.8	7593.2	7541.1	7548.5	7451.9	7489.0	7541.1	7622.9	7667.5	7801.4
7.5°	5644.7	5815.7	5808.3	5934.7	5942.1	5927.3	5823.2	5600.0	5674.4	5614.9	5689.3
10°	4038.3	4112.7	4254.0	4335.8	4484.5	4402.7	4164.7	4075.5	4030.8	4023.4	4097.8
12.5°	3227.7	3049.2	3034.3	3064.0	3138.4	3041.7	2922.7	2818.6	2870.7	2974.8	3056.6
15°	2498.8	2350.1	2156.7	2127.0	2141.9	2097.2	1970.8	1836.9	1874.1	1978.2	2037.7
17.5°	1918.7	1747.7	1613.8	1524.6	1494.8	1338.7	1152.7	1041.2	1011.4	1004.0	1056.1
20°	1294.0	1264.3	1242.0	1130.4	1130.4	907.3	751.1	669.3	669.3	684.2	691.6
22.5°	966.8	929.6	937.1	914.7	855.3	676.8	595.0	572.6	572.6	587.5	587.5
25°	840.4	788.3	773.4	766.0	706.5	580.1	520.6	498.3	498.3	513.2	513.2
27.5°	714.0	699.1	676.8	647.0	595.0	498.3	461.1	438.8	446.2	453.7	446.2
30°	654.5	617.3	587.5	587.5	528.0	446.2	416.5	401.6	386.7	401.6	409.0
32.5°	580.1	557.8	542.9	520.6	453.7	394.2	364.4	349.5	342.1	342.1	349.5
35°	498.3	498.3	483.4	453.7	394.2	357.0	319.8	304.9	297.5	304.9	304.9
37.5°	446.2	423.9	431.3	401.6	349.5	312.4	275.2	260.3	260.3	252.9	260.3
40°	416.5	379.3	357.0	342.1	312.4	267.7	238.0	223.1	215.7	215.7	215.7
42.5°	371.8	342.1	297.5	290.0	282.6	230.5	193.4	185.9	178.5	171.1	171.1
45°	349.5	304.9	267.7	230.5	230.5	193.4	163.6	148.7	141.3	133.9	141.3
47.5°	319.8	275.2	230.5	193.4	185.9	156.2	126.4	111.6	104.1	104.1	104.1
50°	304.9	245.4	200.8	163.6	141.3	126.4	96.7	81.8	74.4	74.4	74.4
52.5°	282.6	230.5	178.5	141.3	111.6	96.7	74.4	59.5	52.1	52.1	52.1
55°	252.9	208.2	156.2	119.0	96.7	74.4	52.1	37.2	29.7	29.7	29.7
57.5°	238.0	185.9	133.9	104.1	74.4	52.1	29.7	22.3	22.3	14.9	22.3
60°	215.7	163.6	111.6	81.8	59.5	37.2	22.3	7.4	7.4	7.4	7.4
62.5°	185.9	141.3	96.7	66.9	44.6	22.3	7.4	0.0	0.0	0.0	0.0
65°	156.2	111.6	74.4	52.1	29.7	7.4	0.0	0.0	0.0	0.0	0.0
67.5°	133.9	96.7	59.5	37.2	22.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	119.0	81.8	44.6	29.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	96.7	66.9	37.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	81.8	52.1	22.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	66.9	37.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	52.1	29.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	44.6	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	29.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	22.3	7.4	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: P599412
 CATALOG NUMBER: IFLD-S-SA6D-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3	10471.3
2.5°	9445.0	9400.3	9623.5	9987.9	10173.8	10538.2	10627.4	10858.0	10798.5	10880.3
5°	7816.3	7905.5	8232.7	8768.2	8961.6	9489.6	9987.9	10486.1	10805.9	10962.1
7.5°	5800.8	6098.3	6499.9	6990.8	7489.0	8180.7	9028.5	9608.6	9920.9	10255.6
10°	4320.9	4640.7	5101.8	5585.2	6395.8	7169.3	8017.1	8738.5	9006.2	9318.5
12.5°	3398.7	3897.0	4432.4	4953.0	5436.4	6172.7	7221.3	8269.9	8560.0	8798.0
15°	2365.0	2974.8	3740.8	4417.6	5094.3	5733.9	6819.7	8091.4	8485.6	8887.2
17.5°	1308.9	1792.3	2669.9	3621.8	4618.4	5600.0	6953.6	8418.7	9013.6	9296.2
20°	758.6	951.9	1576.6	2707.1	4023.4	5310.0	7020.5	9035.9	9824.3	9965.6
22.5°	624.7	691.6	892.4	1695.6	3294.6	5124.1	7362.6	9898.6	10701.8	11036.5
25°	535.5	587.5	691.6	1018.9	2491.4	4729.9	7578.3	10977.0	11720.7	12085.1
27.5°	476.0	528.0	609.8	751.1	1695.6	4187.0	7935.3	11951.2	12694.9	13193.2
30°	416.5	461.1	542.9	639.6	1175.0	3577.2	8240.2	12665.2	13713.8	13870.0
32.5°	371.8	409.0	468.5	550.3	870.1	2714.5	8485.6	13401.4	14286.4	14628.5
35°	319.8	364.4	401.6	468.5	661.9	2045.2	8336.9	13974.1	15126.8	15535.9
37.5°	282.6	312.4	349.5	394.2	557.8	1599.0	8031.9	14658.3	15848.2	16227.5
40°	238.0	260.3	304.9	349.5	505.7	1234.5	7682.4	15483.8	16859.6	17529.0
42.5°	200.8	223.1	252.9	327.2	416.5	914.7	6975.9	16123.4	17677.7	18242.9
45°	156.2	185.9	230.5	327.2	334.7	676.8	6247.1	16599.3	18138.8	18421.4
47.5°	119.0	148.7	223.1	282.6	267.7	468.5	5384.4	17142.2	18614.8	18875.1
50°	89.2	119.0	252.9	245.4	223.1	357.0	4841.5	17521.5	18644.5	18785.8
52.5°	59.5	89.2	208.2	185.9	185.9	312.4	4692.7	17506.7	18718.9	18414.0
55°	44.6	66.9	119.0	133.9	163.6	275.2	4558.9	18064.4	18741.2	18956.9
57.5°	29.7	52.1	81.8	104.1	141.3	238.0	4283.7	18733.8	19432.8	19544.4
60°	14.9	37.2	59.5	81.8	119.0	208.2	3897.0	19224.6	20273.2	20392.2
62.5°	7.4	22.3	44.6	66.9	96.7	163.6	3495.4	18443.7	19908.8	20117.0
65°	0.0	14.9	29.7	44.6	59.5	119.0	2840.9	16651.4	18466.0	19232.0
67.5°	0.0	0.0	14.9	29.7	37.2	89.2	2141.9	15149.1	17134.8	18176.0
70°	0.0	0.0	7.4	7.4	22.3	66.9	1368.4	12546.2	15297.9	15870.5
72.5°	0.0	0.0	0.0	0.0	7.4	44.6	795.8	9318.5	11988.4	13051.9
75°	0.0	0.0	0.0	0.0	0.0	37.2	401.6	5994.2	8344.3	9772.2
77.5°	0.0	0.0	0.0	0.0	0.0	29.7	215.7	3867.2	6150.4	7347.7
80°	0.0	0.0	0.0	0.0	0.0	7.4	126.4	2246.0	3934.2	4767.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	52.1	1100.7	2350.1	2751.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	14.9	587.5	1175.0	1546.9
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	81.8	156.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)