

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: P599480

Luminaire Tested: **IFLD-L-SA7D-735-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: P599480  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7D-735-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (112) 3500K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

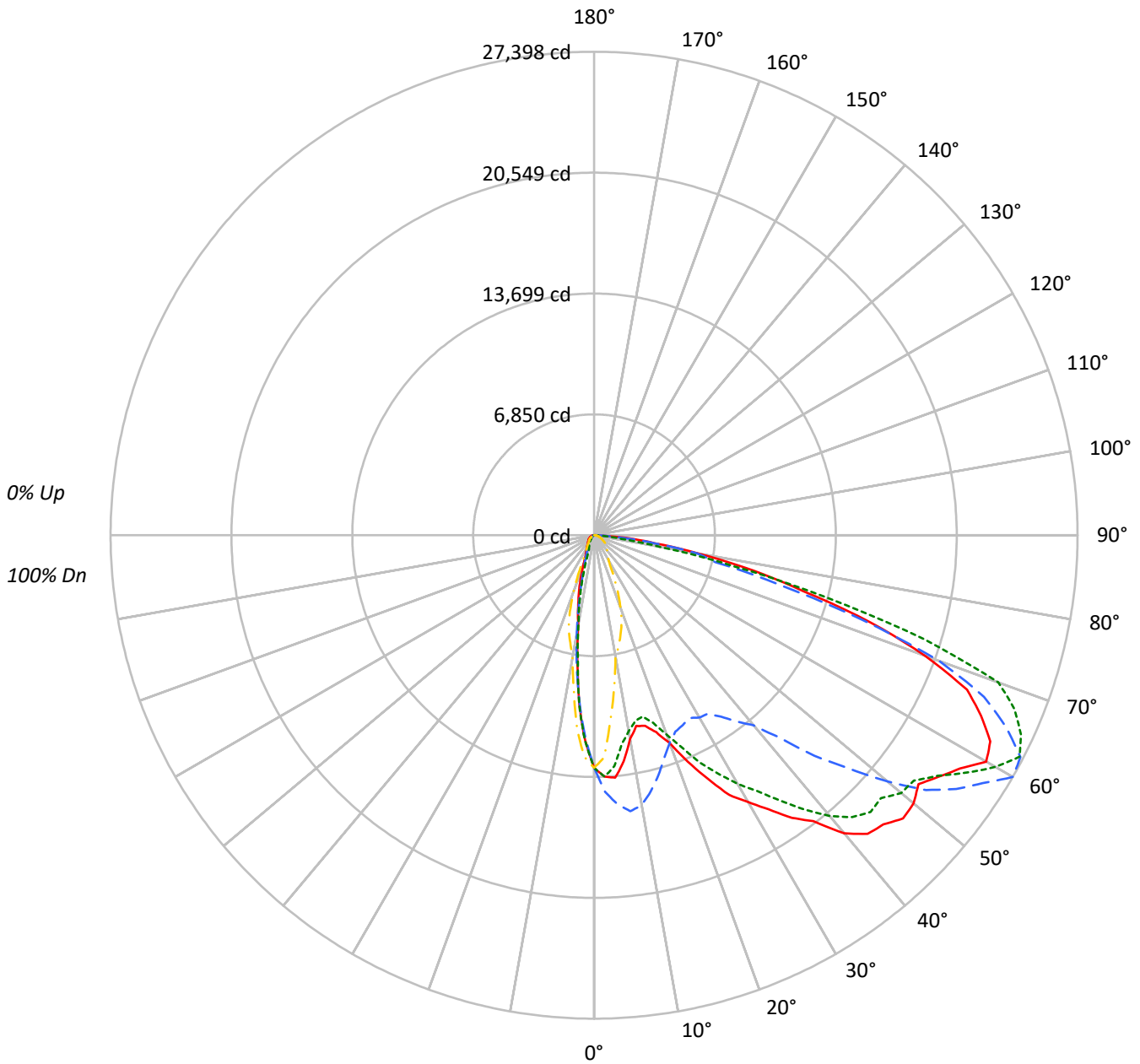
Lumens per Lamp: N/A  
 Luminaire Lumens: 35041.0 lumens  
 Efficiency: N/A  
 Efficacy: 82.9 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 422.6  
 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	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°	70908	70908	70908	70908
5°	74516	70926	51817	52120
10°	64076	61621	28330	27665
15°	62305	59228	18404	13869
20°	71815	68814	9861	4931
25°	90297	84462	6390	3834
30°	108453	101068	5175	3140
35°	128430	120499	4242	2521
40°	154953	145881	3747	1907
45°	176415	168723	3490	1282
50°	197906	190228	3447	784
55°	223806	223016	3424	351
60°	276179	282726	3123	101
65°	308158	339856	2860	0
70°	314222	383574	2650	0
75°	255678	282919	2529	0
80°	185902	118327	2610	0
85°	120186	49691	3464	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1000.9	2.9
10°-20°	1962.7	5.6
20°-30°	2716.1	7.8
30°-40°	3838.6	11.0
40°-50°	5226.3	14.9
50°-60°	6921.9	19.8
60°-70°	8036.8	22.9
70°-80°	4551.3	13.0
80°-90°	786.4	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°	5679.8	16.2
0°-40°	9518.3	27.2
0°-60°	21666.5	61.8
0°-90°	35041.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	35041.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	13175	13175	13175	13175	13175	
5°	13793	13128	9591	9647	13793	1239
15°	11182	10630	3303	2489	11182	3280
25°	15206	14223	1076	646	15206	7092
35°	19548	18340	646	384	19548	12323
45°	23178	22168	458	168	23178	17970
55°	23852	23768	365	37	23852	21610
65°	24198	26687	225	0	24198	23589
75°	12296	13606	122	0	12296	13419
85°	1946	805	56	0	1946	2339
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°	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2
2.5°	13689.8	13979.9	13989.3	14120.3	14251.3	14251.3	14560.1	14485.2	14213.8	14167.0	13970.5
5°	13792.8	13895.7	13970.5	14634.9	15196.4	15140.2	15308.6	15196.4	14672.3	13998.6	13540.1
7.5°	12903.8	13016.1	13315.5	14447.8	15205.7	15458.4	15776.5	15074.7	14522.6	13306.2	12426.6
10°	11724.8	11940.0	12492.1	13783.4	14719.1	15523.9	15523.9	14962.4	13895.7	12707.3	11631.2
12.5°	11069.8	11500.2	11799.6	13109.7	14326.1	14878.2	14859.5	14560.1	13867.6	12370.4	11154.0
15°	11182.1	11303.7	11940.0	12959.9	13764.7	13736.6	14073.5	13979.9	13493.3	12669.9	11331.8
17.5°	11696.7	11883.9	12435.9	12959.9	13343.6	13231.3	13222.0	13671.1	13699.2	13175.2	11996.1
20°	12538.9	13091.0	13353.0	13512.0	13044.2	12566.9	12510.8	13137.7	13624.3	13820.8	12791.5
22.5°	13886.3	14251.3	14784.6	13970.5	12754.1	12155.2	12042.9	12735.4	13717.9	14588.1	13820.8
25°	15205.7	15486.4	16001.1	14953.1	13081.6	12071.0	11874.5	12473.4	14073.5	15654.9	15065.4
27.5°	16600.0	16843.3	16899.4	15673.6	13259.4	11902.6	11668.6	12473.4	14372.9	16216.3	16553.2
30°	17451.5	17741.6	17797.7	16309.9	13549.5	12042.9	11930.6	12529.5	14578.8	16693.5	17619.9
32.5°	18405.9	18480.8	18434.0	16422.2	13867.6	12454.7	11986.8	12903.8	14812.7	17264.3	18593.1
35°	19547.5	19678.5	19201.3	16936.8	14578.8	12716.7	12548.2	13362.3	15215.1	17526.3	19772.1
37.5°	20417.8	20829.5	19753.4	17133.3	14719.1	13268.7	13296.8	14316.8	15495.8	17844.5	21072.8
40°	22055.3	21362.9	20689.1	17807.1	15252.5	14204.5	14054.8	15299.3	16440.9	18050.4	21924.3
42.5°	22953.6	22588.7	21054.1	17872.6	16076.0	15495.8	15533.2	16412.8	16936.8	18630.5	22158.2
45°	23178.2	22794.5	21550.0	17919.4	16890.0	17021.0	17666.7	17835.1	17666.7	19014.2	22598.0
47.5°	23749.0	22916.2	21493.9	18546.3	18209.4	18714.7	19538.2	19903.1	18658.6	18873.8	22803.9
50°	23636.7	23159.5	21372.2	18808.3	19818.9	21157.0	21709.1	21559.4	19762.8	18583.7	22579.3
52.5°	23168.8	22654.2	21746.5	19519.5	21325.4	22944.3	23711.6	23337.3	20745.3	19238.7	22429.6
55°	23851.9	23458.9	22233.1	20483.3	22457.7	24516.3	25059.0	24778.3	21952.4	19847.0	23281.1
57.5°	24591.2	24506.9	23552.5	21615.5	23795.8	26135.1	26135.1	25788.9	23000.4	20726.6	24544.4
60°	25657.9	25845.0	24525.7	22364.1	24254.3	26041.5	27398.4	26996.0	24057.8	22270.5	25976.0
62.5°	25311.7	25910.5	25779.5	23973.6	24778.3	26500.1	27239.3	27538.7	25367.8	24151.4	27884.9
65°	24198.1	24834.4	25770.2	25030.9	24385.3	25386.5	25760.8	26668.5	26022.8	25919.9	28671.0
67.5°	22869.4	23561.8	24142.0	25742.1	23589.9	24254.3	23926.8	24216.9	25311.7	27856.9	29120.1
70°	19968.6	20633.0	21550.0	24160.7	21484.5	20885.6	20801.4	20661.1	22364.1	27164.4	27080.2
72.5°	16422.2	16731.0	18246.9	19641.1	15898.2	15785.9	15916.9	15757.8	17732.2	24591.2	23196.9
75°	12295.6	12604.4	13465.2	15084.1	10826.5	10180.8	10929.4	11668.6	13540.1	19089.0	16665.5
77.5°	9245.1	9638.1	10180.8	11285.0	7944.4	6933.8	7036.7	7738.5	9787.8	15289.9	9338.6
80°	5998.1	5951.3	6999.3	7766.6	5979.4	6166.5	5904.5	6419.2	7092.9	8178.3	4772.3
82.5°	3462.2	3509.0	3948.8	4454.1	4164.0	4762.9	3434.2	5736.1	5062.3	3331.2	1777.9
85°	1946.3	2030.5	2432.9	3087.9	2610.7	1749.8	1431.7	2844.6	3181.5	1366.2	860.9
87.5°	196.5	168.4	327.5	1169.7	711.2	290.1	430.4	683.1	767.3	514.7	252.6
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°	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2
2.5°	13689.8	13689.8	13455.9	13062.9	12903.8	12623.1	12239.4	12361.1	12230.1	11752.8	11631.2
5°	13128.4	12679.2	12192.6	11593.8	11247.6	10536.4	10311.8	9909.4	9975.0	9572.6	9591.3
7.5°	11958.7	11603.1	10779.7	9993.7	9310.6	8693.0	7822.8	7495.2	7177.1	7018.0	7205.2
10°	11275.6	10611.3	9488.4	8459.1	7551.4	6999.3	6419.2	5970.0	5558.3	5249.5	5184.0
12.5°	10779.7	10190.2	8833.4	7579.5	6868.3	6419.2	5885.8	5268.2	4865.8	4332.5	4173.4
15°	10630.0	9909.4	8477.8	7233.2	6540.8	5801.6	5193.3	4585.1	4061.1	3499.7	3303.1
17.5°	11144.6	10311.8	8468.4	6952.5	5979.4	5184.0	4341.8	3658.7	3125.4	2610.7	2489.1
20°	12014.9	10742.3	8739.8	6784.1	5446.0	4379.2	3424.8	2741.7	2142.8	1806.0	1721.8
22.5°	13006.7	11472.1	8767.9	6334.9	4912.6	3574.5	2498.4	1806.0	1469.1	1310.0	1263.2
25°	14223.2	12641.8	9104.7	5970.0	4285.7	2713.6	1777.9	1384.9	1188.4	1094.8	1076.1
27.5°	15224.4	13455.9	9469.7	5586.3	3668.1	2011.8	1394.2	1132.2	1029.3	935.7	926.4
30°	16263.1	14391.6	9572.6	5352.4	3134.7	1656.3	1197.7	1001.2	888.9	842.2	832.8
32.5°	17170.8	15411.6	9900.1	4968.8	2629.4	1459.7	1085.5	898.3	823.4	748.6	739.2
35°	18340.4	16001.1	10059.2	4762.9	2442.3	1319.4	991.9	823.4	711.2	664.4	645.7
37.5°	19594.3	16571.9	10162.1	4603.8	2283.2	1235.2	935.7	776.7	673.7	608.2	589.5
40°	20764.0	17376.6	10012.4	4407.3	2161.6	1132.2	898.3	720.5	626.9	561.4	533.4
42.5°	21662.3	18162.6	9965.6	4220.2	2030.5	1094.8	851.5	692.4	589.5	514.7	505.3
45°	22167.6	18696.0	9638.1	4070.5	1927.6	1113.5	832.8	655.0	561.4	495.9	458.5
47.5°	22046.0	19107.7	9722.3	4023.7	1787.3	1038.7	823.4	626.9	514.7	458.5	430.4
50°	22719.7	19940.5	9581.9	3873.9	1684.3	935.7	898.3	626.9	505.3	439.8	411.7
52.5°	22832.0	20698.5	9881.4	3602.6	1525.3	860.9	888.9	617.6	486.6	421.1	383.7
55°	23767.7	21578.1	10461.5	3452.9	1394.2	748.6	814.1	598.9	439.8	383.7	364.9
57.5°	25040.3	23402.8	10835.8	3312.5	1216.5	655.0	683.1	589.5	402.4	355.6	327.5
60°	26266.1	24132.6	10863.9	3059.9	1048.0	589.5	533.4	589.5	374.3	318.2	290.1
62.5°	27183.1	24132.6	10676.8	2844.6	917.0	524.0	467.9	561.4	336.9	280.7	262.0
65°	26687.2	23487.0	10190.2	2666.8	832.8	458.5	402.4	430.4	299.4	243.3	224.6
67.5°	25798.3	21475.2	9114.1	2451.6	823.4	402.4	346.2	318.2	262.0	215.2	196.5
70°	24375.9	18761.5	7588.8	2208.3	804.7	364.9	308.8	271.4	233.9	187.1	168.4
72.5°	19641.1	15495.8	6232.0	2068.0	786.0	318.2	262.0	233.9	196.5	159.1	140.4
75°	13605.6	9900.1	4800.3	1768.5	767.3	290.1	243.3	205.9	168.4	131.0	121.6
77.5°	8159.6	6615.7	3097.3	1328.7	505.3	233.9	205.9	159.1	140.4	112.3	102.9
80°	3817.8	3125.4	1253.9	514.7	243.3	168.4	140.4	121.6	112.3	93.6	84.2
82.5°	1497.2	1319.4	608.2	299.4	196.5	131.0	112.3	102.9	93.6	74.9	65.5
85°	804.7	711.2	290.1	205.9	140.4	93.6	93.6	84.2	74.9	65.5	56.1
87.5°	177.8	131.0	121.6	121.6	102.9	74.9	74.9	65.5	56.1	46.8	37.4
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°	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2
2.5°	11565.7	11706.1	11481.5	11621.8	11425.3	11575.1	11593.8	11453.4	11490.8	11678.0	11762.2
5°	9853.3	9759.7	9553.9	9488.4	9497.7	9376.1	9422.9	9488.4	9591.3	9647.4	9815.9
7.5°	7102.2	7317.5	7308.1	7467.2	7476.5	7457.8	7326.8	7046.1	7139.7	7064.8	7158.4
10°	5081.0	5174.6	5352.4	5455.3	5642.5	5539.6	5240.1	5127.8	5071.7	5062.3	5155.9
12.5°	4061.1	3836.5	3817.8	3855.2	3948.8	3827.2	3677.4	3546.4	3611.9	3742.9	3845.9
15°	3144.1	2956.9	2713.6	2676.2	2694.9	2638.8	2479.7	2311.3	2358.1	2489.1	2563.9
17.5°	2414.2	2199.0	2030.5	1918.3	1880.8	1684.3	1450.4	1310.0	1272.6	1263.2	1328.7
20°	1628.2	1590.8	1562.7	1422.3	1422.3	1141.6	945.1	842.2	842.2	860.9	870.2
22.5°	1216.5	1169.7	1179.0	1151.0	1076.1	851.5	748.6	720.5	720.5	739.2	739.2
25°	1057.4	991.9	973.2	963.8	888.9	729.9	655.0	626.9	626.9	645.7	645.7
27.5°	898.3	879.6	851.5	814.1	748.6	626.9	580.2	552.1	561.4	570.8	561.4
30°	823.4	776.7	739.2	739.2	664.4	561.4	524.0	505.3	486.6	505.3	514.7
32.5°	729.9	701.8	683.1	655.0	570.8	495.9	458.5	439.8	430.4	430.4	439.8
35°	626.9	626.9	608.2	570.8	495.9	449.2	402.4	383.7	374.3	383.7	383.7
37.5°	561.4	533.4	542.7	505.3	439.8	393.0	346.2	327.5	327.5	318.2	327.5
40°	524.0	477.2	449.2	430.4	393.0	336.9	299.4	280.7	271.4	271.4	271.4
42.5°	467.9	430.4	374.3	364.9	355.6	290.1	243.3	233.9	224.6	215.2	215.2
45°	439.8	383.7	336.9	290.1	290.1	243.3	205.9	187.1	177.8	168.4	177.8
47.5°	402.4	346.2	290.1	243.3	233.9	196.5	159.1	140.4	131.0	131.0	131.0
50°	383.7	308.8	252.6	205.9	177.8	159.1	121.6	102.9	93.6	93.6	93.6
52.5°	355.6	290.1	224.6	177.8	140.4	121.6	93.6	74.9	65.5	65.5	65.5
55°	318.2	262.0	196.5	149.7	121.6	93.6	65.5	46.8	37.4	37.4	37.4
57.5°	299.4	233.9	168.4	131.0	93.6	65.5	37.4	28.1	28.1	18.7	28.1
60°	271.4	205.9	140.4	102.9	74.9	46.8	28.1	9.4	9.4	9.4	9.4
62.5°	233.9	177.8	121.6	84.2	56.1	28.1	9.4	0.0	0.0	0.0	0.0
65°	196.5	140.4	93.6	65.5	37.4	9.4	0.0	0.0	0.0	0.0	0.0
67.5°	168.4	121.6	74.9	46.8	28.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	149.7	102.9	56.1	37.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	121.6	84.2	46.8	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	102.9	65.5	28.1	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	84.2	46.8	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	65.5	37.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	56.1	28.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	37.4	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.1	9.4	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: P599480  
 CATALOG NUMBER: IFLD-L-SA7D-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2	13175.2
2.5°	11883.9	11827.7	12108.4	12566.9	12800.9	13259.4	13371.7	13661.8	13586.9	13689.8
5°	9834.6	9946.9	10358.6	11032.3	11275.6	11940.0	12566.9	13193.9	13596.3	13792.8
7.5°	7298.7	7673.0	8178.3	8795.9	9422.9	10293.1	11359.8	12089.7	12482.7	12903.8
10°	5436.6	5839.0	6419.2	7027.4	8047.3	9020.5	10087.2	10994.9	11331.8	11724.8
12.5°	4276.3	4903.3	5577.0	6232.0	6840.2	7766.6	9086.0	10405.4	10770.3	11069.8
15°	2975.6	3742.9	4706.8	5558.3	6409.8	7214.5	8580.7	10180.8	10676.8	11182.1
17.5°	1646.9	2255.1	3359.3	4557.0	5810.9	7046.1	8749.1	10592.5	11341.1	11696.7
20°	954.5	1197.7	1983.8	3406.1	5062.3	6681.2	8833.4	11369.2	12361.1	12538.9
22.5°	786.0	870.2	1122.9	2133.5	4145.3	6447.2	9263.8	12454.7	13465.2	13886.3
25°	673.7	739.2	870.2	1282.0	3134.7	5951.3	9535.2	13811.5	14747.2	15205.7
27.5°	598.9	664.4	767.3	945.1	2133.5	5268.2	9984.3	15037.3	15973.0	16600.0
30°	524.0	580.2	683.1	804.7	1478.5	4500.9	10368.0	15935.6	17255.0	17451.5
32.5°	467.9	514.7	589.5	692.4	1094.8	3415.4	10676.8	16862.0	17975.5	18405.9
35°	402.4	458.5	505.3	589.5	832.8	2573.3	10489.6	17582.5	19032.9	19547.5
37.5°	355.6	393.0	439.8	495.9	701.8	2011.8	10106.0	18443.4	19940.5	20417.8
40°	299.4	327.5	383.7	439.8	636.3	1553.3	9666.2	19482.0	21213.1	22055.3
42.5°	252.6	280.7	318.2	411.7	524.0	1151.0	8777.2	20286.8	22242.5	22953.6
45°	196.5	233.9	290.1	411.7	421.1	851.5	7860.2	20885.6	22822.6	23178.2
47.5°	149.7	187.1	280.7	355.6	336.9	589.5	6774.7	21568.7	23421.5	23749.0
50°	112.3	149.7	318.2	308.8	280.7	449.2	6091.6	22046.0	23458.9	23636.7
52.5°	74.9	112.3	262.0	233.9	233.9	393.0	5904.5	22027.2	23552.5	23168.8
55°	56.1	84.2	149.7	168.4	205.9	346.2	5736.1	22729.0	23580.6	23851.9
57.5°	37.4	65.5	102.9	131.0	177.8	299.4	5389.8	23571.2	24450.8	24591.2
60°	18.7	46.8	74.9	102.9	149.7	262.0	4903.3	24188.8	25508.2	25657.9
62.5°	9.4	28.1	56.1	84.2	121.6	205.9	4398.0	23206.3	25049.7	25311.7
65°	0.0	18.7	37.4	56.1	74.9	149.7	3574.5	20951.1	23234.3	24198.1
67.5°	0.0	0.0	18.7	37.4	46.8	112.3	2694.9	19061.0	21559.4	22869.4
70°	0.0	0.0	9.4	9.4	28.1	84.2	1721.8	15785.9	19248.1	19968.6
72.5°	0.0	0.0	0.0	0.0	9.4	56.1	1001.2	11724.8	15084.1	16422.2
75°	0.0	0.0	0.0	0.0	0.0	46.8	505.3	7542.0	10499.0	12295.6
77.5°	0.0	0.0	0.0	0.0	0.0	37.4	271.4	4865.8	7738.5	9245.1
80°	0.0	0.0	0.0	0.0	0.0	9.4	159.1	2825.9	4950.0	5998.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	65.5	1384.9	2956.9	3462.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	18.7	739.2	1478.5	1946.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	102.9	196.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)