

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: P599475

Luminaire Tested: **IFLD-M-SA4D-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: P599475  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-M-SA4D-735-U-SLL-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLL distribution lens with House Side Shield  
 Light Source: (64) 3500K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

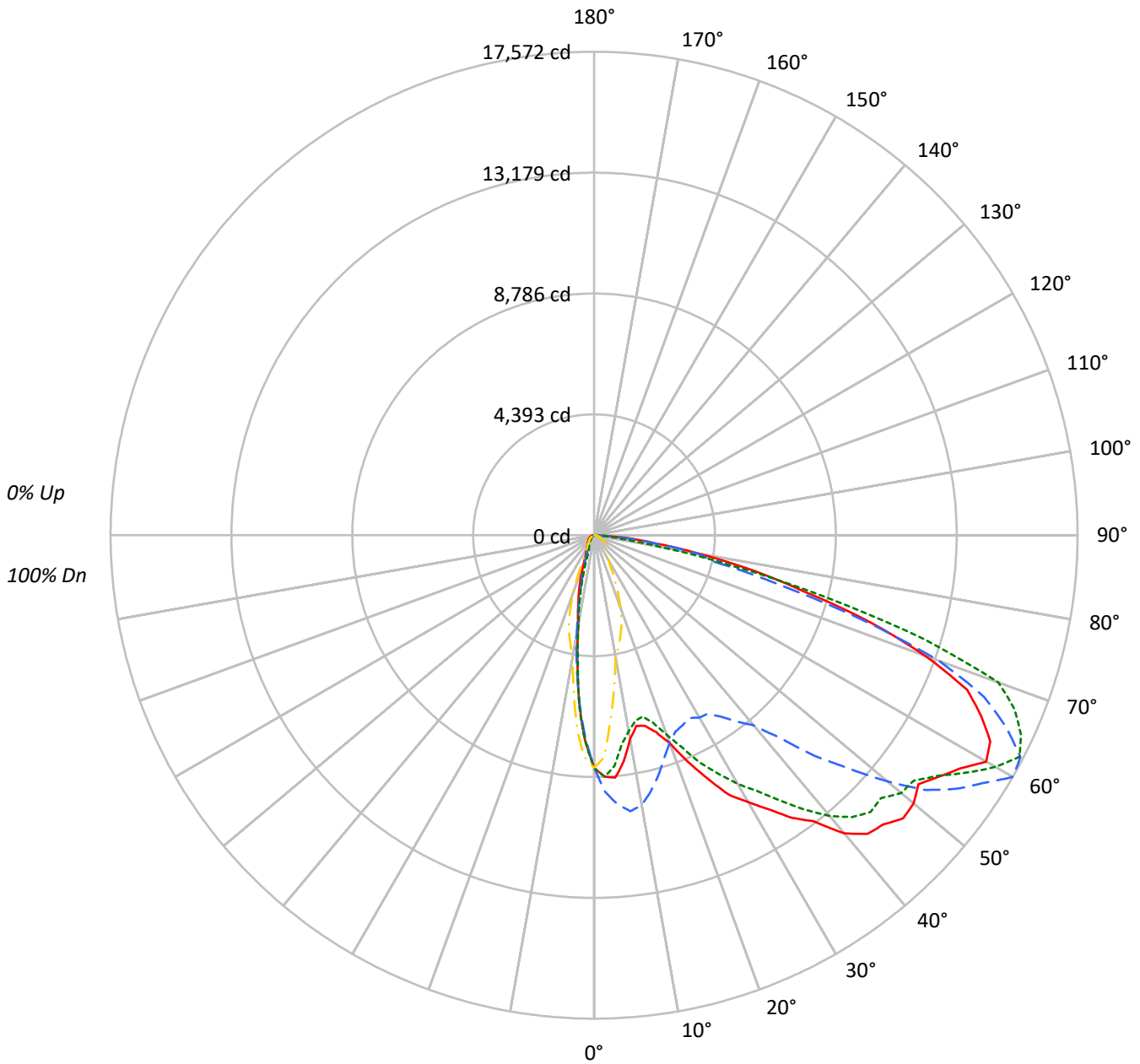
Lumens per Lamp: N/A  
 Luminaire Lumens: 22473.1 lumens  
 Efficiency: N/A  
 Efficacy: 90.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.53 / 0.46 / 0.63  
 Luminous Opening: Rectangular (W 2' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 249.7  
 Input Voltage (V): 120  
 Input Current (A<sub>in</sub>): 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°	90953	90953	90953	90953
5°	95579	90975	66465	66854
10°	82189	79040	36339	35486
15°	79917	75971	23607	17789
20°	92115	88265	12648	6324
25°	115821	108338	8196	4918
30°	139110	129638	6638	4028
35°	164735	154562	5441	3234
40°	198754	187118	4807	2445
45°	226284	216416	4477	1644
50°	253849	244001	4423	1005
55°	287072	286059	4391	450
60°	354249	362647	4004	129
65°	395268	435925	3668	0
70°	403047	492002	3399	0
75°	327951	362894	3244	0
80°	238451	151775	3347	0
85°	154168	63739	4446	0

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	641.9	2.9
10°-20°	1258.8	5.6
20°-30°	1742.0	7.8
30°-40°	2461.8	11.0
40°-50°	3351.8	14.9
50°-60°	4439.3	19.8
60°-70°	5154.3	22.9
70°-80°	2918.9	13.0
80°-90°	504.3	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°	3642.7	16.2
0°-40°	6104.5	27.2
0°-60°	13895.6	61.8
0°-90°	22473.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	22473.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	8450	8450	8450	8450	8450	
5°	8846	8420	6151	6187	8846	794
15°	7172	6817	2118	1596	7172	2103
25°	9752	9122	690	414	9752	4548
35°	12537	11762	414	246	12537	7903
45°	14865	14217	294	108	14865	11525
55°	15297	15243	234	24	15297	13859
65°	15519	17116	144	0	15519	15128
75°	7886	8726	78	0	7886	8606
85°	1248	516	36	0	1248	1500
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°	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8
2.5°	8779.8	8965.9	8971.9	9055.9	9139.9	9139.9	9337.9	9289.9	9115.9	9085.9	8959.9
5°	8845.8	8911.8	8959.9	9385.9	9746.0	9710.0	9818.0	9746.0	9410.0	8977.9	8683.8
7.5°	8275.7	8347.7	8539.8	9265.9	9752.0	9914.1	10118.1	9668.0	9313.9	8533.8	7969.7
10°	7519.6	7657.6	8011.7	8839.8	9440.0	9956.1	9956.1	9596.0	8911.8	8149.7	7459.5
12.5°	7099.5	7375.5	7567.6	8407.7	9187.9	9542.0	9530.0	9337.9	8893.8	7933.6	7153.5
15°	7171.5	7249.5	7657.6	8311.7	8827.8	8809.8	9025.9	8965.9	8653.8	8125.7	7267.5
17.5°	7501.6	7621.6	7975.7	8311.7	8557.8	8485.8	8479.8	8767.8	8785.8	8449.8	7693.6
20°	8041.7	8395.7	8563.8	8665.8	8365.7	8059.7	8023.7	8425.7	8737.8	8863.8	8203.7
22.5°	8905.8	9139.9	9482.0	8959.9	8179.7	7795.6	7723.6	8167.7	8797.8	9355.9	8863.8
25°	9752.0	9932.1	10262.1	9590.0	8389.7	7741.6	7615.6	7999.7	9025.9	10040.1	9662.0
27.5°	10646.2	10802.2	10838.2	10052.1	8503.8	7633.6	7483.6	7999.7	9217.9	10400.2	10616.2
30°	11192.3	11378.4	11414.4	10460.2	8689.8	7723.6	7651.6	8035.7	9349.9	10706.2	11300.3
32.5°	11804.4	11852.5	11822.5	10532.2	8893.8	7987.7	7687.6	8275.7	9500.0	11072.3	11924.5
35°	12536.6	12620.6	12314.6	10862.3	9349.9	8155.7	8047.7	8569.8	9758.0	11240.3	12680.6
37.5°	13094.7	13358.8	12668.6	10988.3	9440.0	8509.8	8527.8	9181.9	9938.1	11444.4	13514.8
40°	14144.9	13700.8	13268.8	11420.4	9782.0	9109.9	9013.9	9812.0	10544.2	11576.4	14060.9
42.5°	14721.1	14487.0	13502.8	11462.4	10310.1	9938.1	9962.1	10526.2	10862.3	11948.5	14210.9
45°	14865.1	14619.0	13820.9	11492.4	10832.2	10916.3	11330.3	11438.4	11330.3	12194.5	14493.0
47.5°	15231.2	14697.0	13784.9	11894.5	11678.4	12002.5	12530.6	12764.6	11966.5	12104.5	14625.0
50°	15159.1	14853.1	13706.8	12062.5	12710.6	13568.8	13922.9	13826.9	12674.6	11918.5	14481.0
52.5°	14859.1	14529.0	13946.9	12518.6	13676.8	14715.1	15207.2	14967.1	13304.8	12338.6	14385.0
55°	15297.2	15045.1	14259.0	13136.7	14403.0	15723.3	16071.3	15891.3	14078.9	12728.6	14931.1
57.5°	15771.3	15717.3	15105.1	13862.9	15261.2	16761.5	16761.5	16539.4	14751.1	13292.8	15741.3
60°	16455.4	16575.4	15729.3	14343.0	15555.2	16701.5	17571.6	17313.6	15429.2	14283.0	16659.5
62.5°	16233.4	16617.4	16533.4	15375.2	15891.3	16995.5	17469.6	17661.7	16269.4	15489.2	17883.7
65°	15519.2	15927.3	16527.4	16053.3	15639.2	16281.4	16521.4	17103.5	16689.5	16623.4	18387.8
67.5°	14667.0	15111.1	15483.2	16509.4	15129.1	15555.2	15345.2	15531.2	16233.4	17865.7	18675.9
70°	12806.7	13232.7	13820.9	15495.2	13778.9	13394.8	13340.8	13250.7	14343.0	17421.6	17367.6
72.5°	10532.2	10730.2	11702.4	12596.6	10196.1	10124.1	10208.1	10106.1	11372.4	15771.3	14877.1
75°	7885.6	8083.7	8635.8	9674.0	6943.4	6529.4	7009.5	7483.6	8683.8	12242.5	10688.2
77.5°	5929.2	6181.3	6529.4	7237.5	5095.1	4446.9	4512.9	4963.0	6277.3	9806.0	5989.2
80°	3846.8	3816.8	4488.9	4981.0	3834.8	3954.8	3786.8	4116.9	4548.9	5245.1	3060.6
82.5°	2220.5	2250.5	2532.5	2856.6	2670.6	3054.6	2202.5	3678.8	3246.7	2136.4	1140.2
85°	1248.3	1302.3	1560.3	1980.4	1674.3	1122.2	918.2	1824.4	2040.4	876.2	552.1
87.5°	126.0	108.0	210.0	750.2	456.1	186.0	276.1	438.1	492.1	330.1	162.0
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):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8
2.5°	8779.8	8779.8	8629.8	8377.7	8275.7	8095.7	7849.6	7927.6	7843.6	7537.6	7459.5
5°	8419.7	8131.7	7819.6	7435.5	7213.5	6757.4	6613.4	6355.3	6397.3	6139.3	6151.3
7.5°	7669.6	7441.5	6913.4	6409.3	5971.2	5575.2	5017.0	4807.0	4603.0	4500.9	4621.0
10°	7231.5	6805.4	6085.3	5425.1	4843.0	4488.9	4116.9	3828.8	3564.7	3366.7	3324.7
12.5°	6913.4	6535.4	5665.2	4861.0	4404.9	4116.9	3774.8	3378.7	3120.6	2778.6	2676.6
15°	6817.4	6355.3	5437.1	4639.0	4194.9	3720.8	3330.7	2940.6	2604.5	2244.5	2118.4
17.5°	7147.5	6613.4	5431.1	4458.9	3834.8	3324.7	2784.6	2346.5	2004.4	1674.3	1596.3
20°	7705.6	6889.4	5605.2	4350.9	3492.7	2808.6	2196.5	1758.4	1374.3	1158.2	1104.2
22.5°	8341.7	7357.5	5623.2	4062.8	3150.7	2292.5	1602.3	1158.2	942.2	840.2	810.2
25°	9121.9	8107.7	5839.2	3828.8	2748.6	1740.4	1140.2	888.2	762.2	702.1	690.1
27.5°	9764.0	8629.8	6073.3	3582.7	2352.5	1290.3	894.2	726.2	660.1	600.1	594.1
30°	10430.2	9229.9	6139.3	3432.7	2010.4	1062.2	768.2	642.1	570.1	540.1	534.1
32.5°	11012.3	9884.0	6349.3	3186.7	1686.3	936.2	696.1	576.1	528.1	480.1	474.1
35°	11762.4	10262.1	6451.3	3054.6	1566.3	846.2	636.1	528.1	456.1	426.1	414.1
37.5°	12566.6	10628.2	6517.4	2952.6	1464.3	792.2	600.1	498.1	432.1	390.1	378.1
40°	13316.8	11144.3	6421.3	2826.6	1386.3	726.2	576.1	462.1	402.1	360.1	342.1
42.5°	13892.9	11648.4	6391.3	2706.6	1302.3	702.1	546.1	444.1	378.1	330.1	324.1
45°	14216.9	11990.5	6181.3	2610.5	1236.3	714.1	534.1	420.1	360.1	318.1	294.1
47.5°	14138.9	12254.5	6235.3	2580.5	1146.2	666.1	528.1	402.1	330.1	294.1	276.1
50°	14571.0	12788.7	6145.3	2484.5	1080.2	600.1	576.1	402.1	324.1	282.1	264.1
52.5°	14643.0	13274.8	6337.3	2310.5	978.2	552.1	570.1	396.1	312.1	270.1	246.1
55°	15243.2	13838.9	6709.4	2214.5	894.2	480.1	522.1	384.1	282.1	246.1	234.0
57.5°	16059.3	15009.1	6949.4	2124.4	780.2	420.1	438.1	378.1	258.1	228.0	210.0
60°	16845.5	15477.2	6967.4	1962.4	672.1	378.1	342.1	378.1	240.0	204.0	186.0
62.5°	17433.6	15477.2	6847.4	1824.4	588.1	336.1	300.1	360.1	216.0	180.0	168.0
65°	17115.5	15063.1	6535.4	1710.4	534.1	294.1	258.1	276.1	192.0	156.0	144.0
67.5°	16545.4	13772.9	5845.2	1572.3	528.1	258.1	222.0	204.0	168.0	138.0	126.0
70°	15633.2	12032.5	4867.0	1416.3	516.1	234.0	198.0	174.0	150.0	120.0	108.0
72.5°	12596.6	9938.1	3996.8	1326.3	504.1	204.0	168.0	150.0	126.0	102.0	90.0
75°	8725.8	6349.3	3078.6	1134.2	492.1	186.0	156.0	132.0	108.0	84.0	78.0
77.5°	5233.1	4242.9	1986.4	852.2	324.1	150.0	132.0	102.0	90.0	72.0	66.0
80°	2448.5	2004.4	804.2	330.1	156.0	108.0	90.0	78.0	72.0	60.0	54.0
82.5°	960.2	846.2	390.1	192.0	126.0	84.0	72.0	66.0	60.0	48.0	42.0
85°	516.1	456.1	186.0	132.0	90.0	60.0	60.0	54.0	48.0	42.0	36.0
87.5°	114.0	84.0	78.0	78.0	66.0	48.0	48.0	42.0	36.0	30.0	24.0
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°	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8
2.5°	7417.5	7507.6	7363.5	7453.5	7327.5	7423.5	7435.5	7345.5	7369.5	7489.6	7543.6
5°	6319.3	6259.3	6127.3	6085.3	6091.3	6013.2	6043.3	6085.3	6151.3	6187.3	6295.3
7.5°	4554.9	4693.0	4687.0	4789.0	4795.0	4783.0	4699.0	4518.9	4578.9	4530.9	4591.0
10°	3258.7	3318.7	3432.7	3498.7	3618.8	3552.7	3360.7	3288.7	3252.7	3246.7	3306.7
12.5°	2604.5	2460.5	2448.5	2472.5	2532.5	2454.5	2358.5	2274.5	2316.5	2400.5	2466.5
15°	2016.4	1896.4	1740.4	1716.4	1728.4	1692.4	1590.3	1482.3	1512.3	1596.3	1644.3
17.5°	1548.3	1410.3	1302.3	1230.3	1206.3	1080.2	930.2	840.2	816.2	810.2	852.2
20°	1044.2	1020.2	1002.2	912.2	912.2	732.2	606.1	540.1	540.1	552.1	558.1
22.5°	780.2	750.2	756.2	738.2	690.1	546.1	480.1	462.1	462.1	474.1	474.1
25°	678.1	636.1	624.1	618.1	570.1	468.1	420.1	402.1	402.1	414.1	414.1
27.5°	576.1	564.1	546.1	522.1	480.1	402.1	372.1	354.1	360.1	366.1	360.1
30°	528.1	498.1	474.1	474.1	426.1	360.1	336.1	324.1	312.1	324.1	330.1
32.5°	468.1	450.1	438.1	420.1	366.1	318.1	294.1	282.1	276.1	276.1	282.1
35°	402.1	402.1	390.1	366.1	318.1	288.1	258.1	246.1	240.0	246.1	246.1
37.5°	360.1	342.1	348.1	324.1	282.1	252.1	222.0	210.0	210.0	204.0	210.0
40°	336.1	306.1	288.1	276.1	252.1	216.0	192.0	180.0	174.0	174.0	174.0
42.5°	300.1	276.1	240.0	234.0	228.0	186.0	156.0	150.0	144.0	138.0	138.0
45°	282.1	246.1	216.0	186.0	186.0	156.0	132.0	120.0	114.0	108.0	114.0
47.5°	258.1	222.0	186.0	156.0	150.0	126.0	102.0	90.0	84.0	84.0	84.0
50°	246.1	198.0	162.0	132.0	114.0	102.0	78.0	66.0	60.0	60.0	60.0
52.5°	228.0	186.0	144.0	114.0	90.0	78.0	60.0	48.0	42.0	42.0	42.0
55°	204.0	168.0	126.0	96.0	78.0	60.0	42.0	30.0	24.0	24.0	24.0
57.5°	192.0	150.0	108.0	84.0	60.0	42.0	24.0	18.0	18.0	12.0	18.0
60°	174.0	132.0	90.0	66.0	48.0	30.0	18.0	6.0	6.0	6.0	6.0
62.5°	150.0	114.0	78.0	54.0	36.0	18.0	6.0	0.0	0.0	0.0	0.0
65°	126.0	90.0	60.0	42.0	24.0	6.0	0.0	0.0	0.0	0.0	0.0
67.5°	108.0	78.0	48.0	30.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	96.0	66.0	36.0	24.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	78.0	54.0	30.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	66.0	42.0	18.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	54.0	30.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	42.0	24.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	36.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	24.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.0	6.0	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: P599475  
 CATALOG NUMBER: IFLD-M-SA4D-735-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	358°	360°
0°	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8	8449.8
2.5°	7621.6	7585.6	7765.6	8059.7	8209.7	8503.8	8575.8	8761.8	8713.8	8779.8
5°	6307.3	6379.3	6643.4	7075.5	7231.5	7657.6	8059.7	8461.8	8719.8	8845.8
7.5°	4681.0	4921.0	5245.1	5641.2	6043.3	6601.4	7285.5	7753.6	8005.7	8275.7
10°	3486.7	3744.8	4116.9	4506.9	5161.1	5785.2	6469.3	7051.5	7267.5	7519.6
12.5°	2742.6	3144.7	3576.7	3996.8	4386.9	4981.0	5827.2	6673.4	6907.4	7099.5
15°	1908.4	2400.5	3018.6	3564.7	4110.9	4627.0	5503.1	6529.4	6847.4	7171.5
17.5°	1056.2	1446.3	2154.4	2922.6	3726.8	4518.9	5611.2	6793.4	7273.5	7501.6
20°	612.1	768.2	1272.3	2184.5	3246.7	4284.9	5665.2	7291.5	7927.6	8041.7
22.5°	504.1	558.1	720.1	1368.3	2658.6	4134.9	5941.2	7987.7	8635.8	8905.8
25°	432.1	474.1	558.1	822.2	2010.4	3816.8	6115.3	8857.8	9458.0	9752.0
27.5°	384.1	426.1	492.1	606.1	1368.3	3378.7	6403.3	9644.0	10244.1	10646.2
30°	336.1	372.1	438.1	516.1	948.2	2886.6	6649.4	10220.1	11066.3	11192.3
32.5°	300.1	330.1	378.1	444.1	702.1	2190.5	6847.4	10814.2	11528.4	11804.4
35°	258.1	294.1	324.1	378.1	534.1	1650.3	6727.4	11276.3	12206.5	12536.6
37.5°	228.0	252.1	282.1	318.1	450.1	1290.3	6481.3	11828.5	12788.7	13094.7
40°	192.0	210.0	246.1	282.1	408.1	996.2	6199.3	12494.6	13604.8	14144.9
42.5°	162.0	180.0	204.0	264.1	336.1	738.2	5629.2	13010.7	14265.0	14721.1
45°	126.0	150.0	186.0	264.1	270.1	546.1	5041.0	13394.8	14637.0	14865.1
47.5°	96.0	120.0	180.0	228.0	216.0	378.1	4344.9	13832.9	15021.1	15231.2
50°	72.0	96.0	204.0	198.0	180.0	288.1	3906.8	14138.9	15045.1	15159.1
52.5°	48.0	72.0	168.0	150.0	150.0	252.1	3786.8	14126.9	15105.1	14859.1
55°	36.0	54.0	96.0	108.0	132.0	222.0	3678.8	14577.0	15123.1	15297.2
57.5°	24.0	42.0	66.0	84.0	114.0	192.0	3456.7	15117.1	15681.3	15771.3
60°	12.0	30.0	48.0	66.0	96.0	168.0	3144.7	15513.2	16359.4	16455.4
62.5°	6.0	18.0	36.0	54.0	78.0	132.0	2820.6	14883.1	16065.3	16233.4
65°	0.0	12.0	24.0	36.0	48.0	96.0	2292.5	13436.8	14901.1	15519.2
67.5°	0.0	0.0	12.0	24.0	30.0	72.0	1728.4	12224.5	13826.9	14667.0
70°	0.0	0.0	6.0	6.0	18.0	54.0	1104.2	10124.1	12344.6	12806.7
72.5°	0.0	0.0	0.0	0.0	6.0	36.0	642.1	7519.6	9674.0	10532.2
75°	0.0	0.0	0.0	0.0	0.0	30.0	324.1	4837.0	6733.4	7885.6
77.5°	0.0	0.0	0.0	0.0	0.0	24.0	174.0	3120.6	4963.0	5929.2
80°	0.0	0.0	0.0	0.0	0.0	6.0	102.0	1812.4	3174.7	3846.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	42.0	888.2	1896.4	2220.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	12.0	474.1	948.2	1248.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	66.0	126.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)