

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: P599130

Luminaire Tested: **IFLD-L-SA7B-722-U-SLR-HSS**

Issue Date: 05/04/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P599130  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA7B-722-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (112) 2200K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

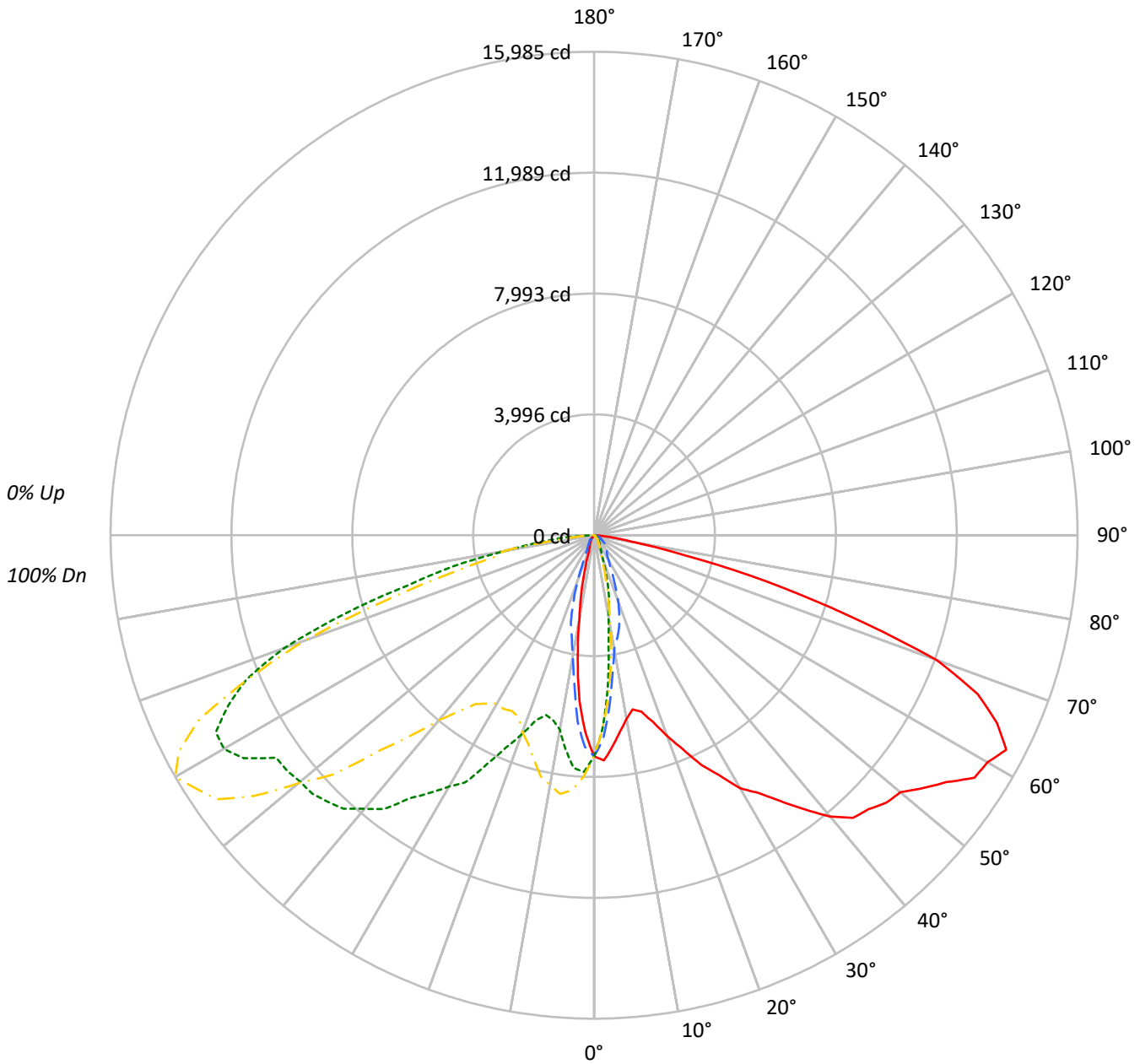
Lumens per Lamp: N/A  
 Luminaire Lumens: 19107.7 lumens  
 Efficiency: N/A  
 Efficacy: 68.0 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 281  
 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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	39314	39314	39314	39314
5°	37851	27664	29779	41719
10°	33699	15062	15259	35670
15°	33640	10046	6142	34272
20°	40392	5016	2449	40156
25°	49681	3151	1897	49435
30°	60027	2529	1441	59643
35°	70434	2031	1117	69723
40°	85270	1737	724	82917
45°	97553	1569	392	94847
50°	110679	1510	86	106150
55°	133508	1450	0	120361
60°	161638	1220	0	152046
65°	187167	984	0	170110
70°	189525	810	0	171530
75°	122655	536	0	131547
80°	41832	161	0	93083
85°	20995	0	0	68395

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	553.3	2.9
10°-20°	1071.5	5.6
20°-30°	1492.3	7.8
30°-40°	2120.4	11.1
40°-50°	2940.4	15.4
50°-60°	4006.5	21.0
60°-70°	4404.8	23.1
70°-80°	2164.9	11.3
80°-90°	353.5	1.9
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°	3117.1	16.3
0°-40°	5237.6	27.4
0°-60°	12184.4	63.8
0°-90°	19107.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	19107.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	7305	7305	7305	7305	7305	
5°	7006	5121	5512	7722	7006	641
15°	6038	1803	1102	6151	6038	1787
25°	8366	531	319	8325	8366	3890
35°	10720	309	170	10612	10720	6805
45°	12817	206	52	12462	12817	9936
55°	14228	154	0	12827	14228	12799
65°	14697	77	0	13358	14697	14203
75°	5898	26	0	6326	5898	6431
85°	340	0	0	1108	340	470
90°	0	0	0	0	0	

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**CANDELA DISTRIBUTION (FULL):**

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8
2.5°	7454.2	7541.8	7459.4	7170.9	7119.4	6980.3	6769.1	6753.6	6532.1	6557.9	6439.4
5°	7006.1	7093.6	6918.5	6537.3	6181.8	5898.5	5728.5	5424.5	5357.6	5208.2	5208.2
7.5°	6547.6	6542.4	6243.6	5924.2	5393.6	4873.3	4636.4	4198.5	3940.9	3801.8	3667.9
10°	6166.4	6083.9	5898.5	5239.1	4662.1	4121.2	3827.6	3539.1	3271.2	3039.4	2807.6
12.5°	5898.5	5950.0	5656.4	4940.3	4193.3	3817.3	3503.0	3199.1	2879.7	2617.0	2359.4
15°	6037.6	5955.2	5610.0	4873.3	4116.1	3600.9	3183.6	2812.7	2457.3	2112.1	1916.4
17.5°	6470.3	6259.1	5852.1	4873.3	3956.4	3271.2	2766.4	2328.5	1947.3	1638.2	1396.1
20°	7052.4	6810.3	6372.4	5053.6	3837.9	3029.1	2338.8	1787.6	1390.9	1102.4	917.0
22.5°	7650.0	7459.4	6800.0	5125.8	3698.8	2704.5	1844.2	1293.0	927.3	741.8	649.1
25°	8366.1	8098.2	7377.0	5414.2	3492.7	2390.3	1452.7	901.5	690.3	592.4	535.8
27.5°	8937.9	8891.5	7917.9	5589.4	3338.2	2132.7	1148.8	716.1	571.8	499.7	463.6
30°	9659.1	9406.7	8577.3	5939.7	3163.0	1839.1	958.2	643.9	525.5	448.2	422.4
32.5°	10091.8	9973.3	8922.4	6135.5	2967.3	1597.0	824.2	566.7	479.1	422.4	396.7
35°	10720.3	10483.3	9417.0	6259.1	2864.2	1457.9	741.8	515.2	401.8	345.2	314.2
37.5°	11420.9	11333.3	10009.4	6253.9	2714.8	1375.5	685.2	479.1	381.2	319.4	283.3
40°	12137.0	11781.5	10370.0	6398.2	2637.6	1313.6	643.9	458.5	360.6	303.9	257.6
42.5°	12672.7	12265.8	10787.3	6346.7	2544.8	1205.5	628.5	427.6	345.2	278.2	237.0
45°	12817.0	12672.7	11163.3	6331.2	2477.9	1117.9	602.7	422.4	334.8	262.7	221.5
47.5°	13095.2	12997.3	11627.0	6357.0	2426.4	1050.9	540.9	432.7	319.4	247.3	211.2
50°	13218.8	13043.6	12003.0	6418.8	2307.9	968.5	484.2	453.3	314.2	242.1	200.9
52.5°	13728.8	13574.2	12518.2	6593.9	2210.0	860.3	427.6	432.7	324.5	226.7	190.6
55°	14228.5	14053.3	13311.5	6995.8	2070.9	772.7	365.8	381.2	309.1	206.1	170.0
57.5°	14913.6	14625.2	13842.1	7160.6	1947.3	654.2	324.5	314.2	288.5	185.5	149.4
60°	15016.7	15135.2	13764.8	7057.6	1818.5	577.0	283.3	242.1	309.1	164.8	128.8
62.5°	15361.8	14867.3	13404.2	6820.6	1725.8	530.6	252.4	200.9	267.9	144.2	108.2
65°	14697.3	14331.5	12559.4	6058.2	1607.3	535.8	221.5	164.8	170.0	118.5	87.6
67.5°	13723.6	13435.2	11158.2	5228.8	1488.8	525.5	195.8	144.2	128.8	103.0	77.3
70°	12044.2	11420.9	9478.8	4244.8	1313.6	489.4	164.8	128.8	108.2	82.4	56.7
72.5°	8762.7	8510.3	6800.0	3281.5	1179.7	443.0	154.5	108.2	92.7	61.8	46.4
75°	5898.5	5481.2	4291.2	2153.3	947.9	386.4	128.8	97.9	72.1	46.4	36.1
77.5°	3116.7	2946.7	2431.5	1025.2	525.5	180.3	72.1	56.7	41.2	36.1	20.6
80°	1349.7	1200.3	1050.9	417.3	185.5	82.4	46.4	30.9	25.8	20.6	10.3
82.5°	690.3	659.4	546.1	180.3	108.2	61.8	25.8	20.6	15.5	10.3	5.2
85°	340.0	350.3	288.5	56.7	61.8	36.1	5.2	5.2	0.0	0.0	0.0
87.5°	25.8	25.8	20.6	10.3	15.5	5.2	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

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**CANDELA DISTRIBUTION (continued):**

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8
2.5°	6393.0	6465.2	6341.5	6418.8	6382.7	6398.2	6413.6	6372.4	6382.7	6527.0	6532.1
5°	5120.6	5259.7	5208.2	5280.3	5403.9	5342.1	5398.8	5388.5	5398.8	5419.4	5512.1
7.5°	3652.4	3611.2	3709.1	3899.7	4121.2	4255.2	4188.2	4152.1	4131.5	4080.0	4141.8
10°	2756.1	2735.5	2709.7	2766.4	2910.6	3060.0	3142.4	3003.3	2926.1	2828.2	2792.1
12.5°	2287.3	2158.5	2086.4	1998.8	2040.0	2173.9	2179.1	2045.2	1921.5	1870.0	1926.7
15°	1803.0	1715.5	1586.7	1463.0	1401.2	1504.2	1416.7	1287.9	1128.2	1107.6	1102.4
17.5°	1287.9	1236.4	1143.6	1092.1	1020.0	994.2	901.5	705.8	592.4	561.5	571.8
20°	875.8	834.5	829.4	783.0	752.1	731.5	582.1	453.3	417.3	422.4	427.6
22.5°	649.1	628.5	602.7	597.6	571.8	546.1	427.6	381.2	355.5	355.5	370.9
25°	530.6	520.3	494.5	484.2	473.9	437.9	360.6	324.5	314.2	303.9	319.4
27.5°	453.3	448.2	432.7	417.3	407.0	370.9	314.2	283.3	273.0	273.0	273.0
30°	407.0	407.0	386.4	355.5	355.5	314.2	267.9	247.3	237.0	237.0	231.8
32.5°	381.2	370.9	345.2	324.5	309.1	267.9	237.0	216.4	200.9	200.9	206.1
35°	309.1	309.1	303.9	288.5	267.9	226.7	200.9	180.3	170.0	164.8	170.0
37.5°	273.0	257.6	237.0	242.1	231.8	195.8	170.0	154.5	139.1	139.1	139.1
40°	247.3	231.8	211.2	195.8	190.6	175.2	149.4	123.6	108.2	103.0	103.0
42.5°	221.5	211.2	180.3	154.5	149.4	149.4	113.3	92.7	77.3	77.3	77.3
45°	206.1	190.6	164.8	133.9	108.2	113.3	92.7	67.0	56.7	51.5	51.5
47.5°	195.8	180.3	144.2	113.3	82.4	82.4	67.0	46.4	36.1	30.9	30.9
50°	180.3	164.8	128.8	92.7	61.8	51.5	41.2	25.8	15.5	10.3	10.3
52.5°	170.0	154.5	113.3	77.3	51.5	36.1	25.8	5.2	0.0	0.0	0.0
55°	154.5	133.9	97.9	61.8	41.2	20.6	5.2	0.0	0.0	0.0	0.0
57.5°	133.9	118.5	77.3	46.4	25.8	5.2	0.0	0.0	0.0	0.0	0.0
60°	113.3	97.9	61.8	36.1	10.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	92.7	82.4	46.4	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	77.3	61.8	36.1	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	67.0	51.5	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	51.5	36.1	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	36.1	25.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	25.8	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	15.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	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

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**CANDELA DISTRIBUTION (continued):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8
2.5°	6552.7	6707.3	6851.5	6892.7	7006.1	7320.3	7320.3	7469.7	7737.6	7835.5	7856.1
5°	5527.6	5692.4	5723.3	6042.7	6192.1	6511.5	6722.7	7227.6	7531.5	7722.1	7840.6
7.5°	4203.6	4260.3	4378.8	4677.6	4971.2	5357.6	5759.4	6403.3	6939.1	7155.5	7557.3
10°	2890.0	3060.0	3317.6	3585.5	4043.9	4471.5	4991.8	5599.7	6259.1	6527.0	6872.1
12.5°	1947.3	2184.2	2596.4	2977.6	3400.0	3832.7	4327.3	5141.2	5888.2	6259.1	6604.2
15°	1138.5	1427.0	1782.4	2400.6	2962.1	3446.4	3940.9	4765.2	5671.8	6150.9	6573.3
17.5°	577.0	664.5	958.2	1493.9	2235.8	3029.1	3765.8	4816.7	5836.7	6423.9	6774.2
20°	432.7	458.5	540.9	793.3	1530.0	2503.6	3600.9	4893.9	6295.2	7011.2	7201.8
22.5°	376.1	396.7	432.7	515.2	860.3	1916.4	3369.1	5084.5	6918.5	7593.3	7995.2
25°	319.4	340.0	370.9	422.4	551.2	1303.3	3085.8	5285.5	7474.8	8324.8	8700.9
27.5°	278.2	293.6	324.5	365.8	448.2	829.4	2596.4	5553.3	8324.8	9210.9	9308.8
30°	237.0	252.4	278.2	324.5	381.2	587.3	1906.1	5589.4	8793.6	9597.3	9870.3
32.5°	206.1	211.2	242.1	283.3	319.4	463.6	1339.4	5625.5	9138.8	10097.0	10153.6
35°	170.0	180.3	211.2	237.0	278.2	365.8	1014.8	5445.2	9587.0	10612.1	10596.7
37.5°	139.1	154.5	175.2	195.8	226.7	309.1	808.8	5110.3	10148.5	11410.6	10926.4
40°	108.2	123.6	144.2	170.0	190.6	278.2	607.9	4605.5	10735.8	11802.1	11287.0
42.5°	77.3	87.6	108.2	133.9	170.0	231.8	437.9	4007.9	10967.6	12260.6	11719.7
45°	56.7	67.0	82.4	113.3	175.2	185.5	303.9	3461.8	11214.8	12461.5	11621.8
47.5°	30.9	41.2	61.8	97.9	154.5	139.1	216.4	2972.4	11498.2	12641.8	11699.1
50°	10.3	15.5	36.1	103.0	123.6	108.2	170.0	2709.7	11776.4	12677.9	11853.6
52.5°	0.0	0.0	20.6	108.2	92.7	82.4	149.4	2606.7	11704.2	12791.2	11755.8
55°	0.0	0.0	5.2	46.4	51.5	61.8	123.6	2601.5	12214.2	12827.3	12291.5
57.5°	0.0	0.0	0.0	15.5	30.9	51.5	108.2	2436.7	12538.8	13723.6	13012.7
60°	0.0	0.0	0.0	5.2	20.6	36.1	82.4	2292.4	12868.5	14125.5	13785.5
62.5°	0.0	0.0	0.0	0.0	5.2	15.5	56.7	2070.9	12203.9	14094.5	14532.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	36.1	1638.2	10977.9	13357.9	14120.3
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	20.6	1133.3	9612.7	12430.6	13363.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	685.2	7758.2	10900.6	11333.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	293.6	5537.9	8654.5	9298.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.5	3425.8	6326.1	7119.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.4	2220.3	4790.9	5403.9
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	1184.8	3003.3	3492.7
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	515.2	1823.6	2101.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164.8	1107.6	1262.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	170.0	226.7
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: P599130  
 CATALOG NUMBER: IFLD-L-SA7B-722-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8	7304.8
2.5°	7866.4	8015.8	8072.4	7984.8	7995.2	7814.8	7789.1	7536.7	7433.6	7454.2
5°	8227.0	8443.3	8561.8	8463.9	8242.4	7897.3	7583.0	7284.2	7098.8	7006.1
7.5°	8144.5	8386.7	8536.1	8628.8	8376.4	7820.0	7340.9	6779.4	6542.4	6547.6
10°	7691.2	8196.1	8500.0	8381.5	8263.0	7706.7	6964.8	6357.0	6145.8	6166.4
12.5°	7325.5	7887.0	8067.3	8160.0	7917.9	7474.8	6975.2	6279.7	6042.7	5898.5
15°	7098.8	7516.1	7526.4	7670.6	7572.7	7572.7	7083.3	6403.3	6197.3	6037.6
17.5°	7098.8	7191.5	7181.2	7232.7	7397.6	7593.3	7356.4	6903.0	6496.1	6470.3
20°	7258.5	6970.0	6903.0	6923.6	7062.7	7644.8	7959.1	7392.4	7134.8	7052.4
22.5°	7629.4	6995.8	6588.8	6516.7	6944.2	7639.7	8345.5	8165.2	7717.0	7650.0
25°	8139.4	6949.4	6506.4	6413.6	6738.2	7825.2	8876.1	8912.1	8505.2	8366.1
27.5°	8623.6	7155.5	6496.1	6475.5	6903.0	7783.9	9241.8	9509.7	9051.2	8937.9
30°	8788.5	7361.5	6686.7	6413.6	6964.8	7933.3	9231.5	9932.1	9633.3	9659.1
32.5°	8984.2	7567.6	6707.3	6599.1	7227.6	8175.5	9525.2	10612.1	10395.8	10091.8
35°	9272.7	7845.8	6903.0	6805.2	7413.0	8391.8	9587.0	11111.8	11075.8	10720.3
37.5°	9520.0	8118.8	7310.0	7325.5	7979.7	8742.1	9860.0	11724.8	11663.0	11420.9
40°	9695.2	8500.0	7943.6	7984.8	8474.2	9133.6	10344.2	12033.9	12492.4	12137.0
42.5°	9720.9	8840.0	8670.0	8999.7	9458.2	9741.5	10540.0	12245.2	12904.5	12672.7
45°	9818.8	9380.9	9854.8	10097.0	10473.0	10277.3	10529.7	12605.8	12935.5	12817.0
47.5°	10200.0	10364.8	10962.4	11699.1	11833.0	11189.1	10777.0	12662.4	13110.6	13095.2
50°	10596.7	11420.9	12260.6	12750.0	12920.0	11817.6	11008.8	12616.1	13342.4	13218.8
52.5°	11039.7	12337.9	13548.5	14151.2	14058.5	12513.0	11271.5	12992.1	13770.0	13728.8
55°	11317.9	12750.0	14377.9	15217.6	15145.5	13290.9	12106.1	13533.0	14331.5	14228.5
57.5°	12054.5	13419.7	15202.1	15593.6	15784.2	14310.9	12688.2	14419.1	14800.3	14913.6
60°	12662.4	13857.6	15418.5	15985.2	16052.1	14918.8	13708.2	15330.9	15397.9	15016.7
62.5°	13553.6	14027.6	14960.0	15470.0	15815.2	15263.9	14625.2	15820.3	15387.6	15361.8
65°	14207.9	13471.2	14104.8	14388.2	14609.7	14738.5	15547.3	16155.2	15197.0	14697.3
67.5°	13842.1	12420.3	12301.8	12317.3	12384.2	13162.1	15238.2	15336.1	14135.8	13723.6
70°	12183.3	10189.7	10030.0	10153.6	9818.8	10756.4	13986.4	13940.0	12471.8	12044.2
72.5°	9854.8	7428.5	7155.5	7325.5	7402.7	8397.0	11766.1	10570.9	9097.6	8762.7
75°	7830.3	5445.2	4595.2	5007.3	5270.0	6114.8	9190.3	7181.2	6351.8	5898.5
77.5°	6150.9	4121.2	3575.2	3410.3	3652.4	4445.8	6686.7	3770.9	3327.9	3116.7
80°	3899.7	3029.1	3286.7	3049.7	3152.7	3173.3	3482.4	1715.5	1365.2	1349.7
82.5°	2349.1	2070.9	2462.4	1354.8	2467.6	2204.8	1447.6	777.9	690.3	690.3
85°	1663.9	1282.7	850.0	551.2	1097.3	1210.6	561.5	401.8	350.3	340.0
87.5°	834.5	396.7	190.6	123.6	139.1	226.7	67.0	30.9	30.9	25.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)