

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: P598591

Luminaire Tested: **IFLD-S-SA2E-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598591  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2E-722-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (32) 2200K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

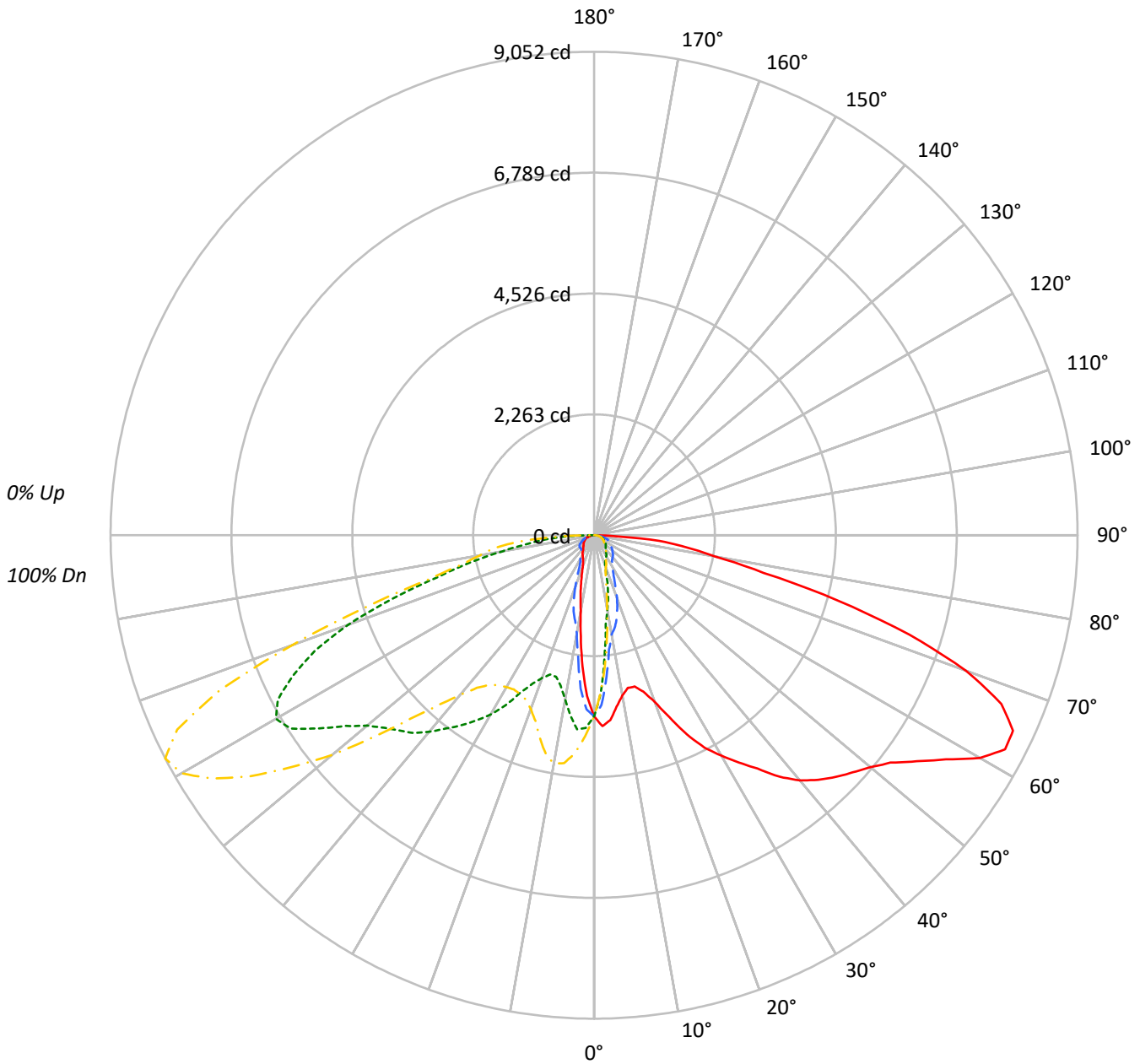
Lumens per Lamp: N/A  
 Luminaire Lumens: 11339.9 lumens  
 Efficiency: N/A  
 Efficacy: 72.6 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 156.2  
 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	
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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77			77	
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59			59	
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46			46	
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36			36	
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30			30	
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25			25	
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21			21	
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18			18	
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16			16	
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14			14	

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

	0°	90°	180°	270°
0°	72923	72923	72923	72923
5°	75047	48802	53312	78842
10°	66581	31008	31321	68137
15°	65346	21993	20830	61116
20°	75975	13913	14021	65104
25°	97705	11946	11608	76970
30°	118407	11323	10614	96353
35°	140144	9973	9600	114210
40°	168394	9465	8799	134926
45°	194851	9389	8522	157297
50°	226264	9535	8580	185746
55°	276893	9792	8726	236651
60°	359106	9804	9192	295986
65°	440807	9908	9424	316832
70°	466447	10455	9857	308478
75°	392646	11046	9865	251769
80°	285264	12943	10005	217624
85°	302333	18748	8201	226182

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	262.2	2.3
10°-20°	548.7	4.8
20°-30°	790.7	7.0
30°-40°	1138.3	10.0
40°-50°	1616.8	14.3
50°-60°	2324.5	20.5
60°-70°	2685.6	23.7
70°-80°	1520.6	13.4
80°-90°	452.6	4.0
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°	1601.5	14.1
0°-40°	2739.8	24.2
0°-60°	6681.1	58.9
0°-90°	11339.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11339.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3387	3387	3387	3387	3387	
5°	3473	2258	2467	3648	3473	315
15°	2932	987	935	2742	2932	862
25°	4113	503	489	3240	4113	1909
35°	5333	380	365	4346	5333	3384
45°	6400	308	280	5167	6400	4956
55°	7377	261	232	6305	7377	6681
65°	8654	194	185	6220	8654	8298
75°	4721	133	119	3027	4721	5009
85°	1224	76	33	916	1224	1219
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°	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4
2.5°	3577.2	3572.5	3544.0	3453.9	3359.0	3268.8	3183.4	3093.3	3045.8	2988.9	2965.2
5°	3472.8	3463.3	3382.7	3183.4	3007.9	2818.1	2656.8	2528.7	2424.3	2320.0	2282.0
7.5°	3235.6	3221.4	3126.5	2851.3	2595.1	2348.4	2153.9	1987.9	1850.3	1788.6	1717.4
10°	3045.8	3022.1	2898.8	2595.1	2263.0	2016.3	1888.2	1774.4	1655.8	1556.1	1451.8
12.5°	2927.2	2898.8	2770.7	2414.9	2092.2	1907.2	1774.4	1646.3	1499.2	1375.9	1262.0
15°	2932.0	2898.8	2742.2	2367.4	2049.5	1812.3	1627.3	1451.8	1281.0	1143.4	1015.3
17.5°	3069.6	3026.9	2860.8	2433.8	2016.3	1689.0	1442.3	1214.5	1020.0	873.0	768.6
20°	3316.3	3287.8	3098.0	2533.5	1983.1	1556.1	1252.5	977.3	773.3	659.5	616.8
22.5°	3686.3	3653.1	3449.1	2685.3	1973.6	1437.5	1048.5	768.6	621.5	574.1	550.3
25°	4113.3	4051.6	3861.9	2941.5	1992.6	1328.4	882.4	635.7	555.1	521.9	507.6
27.5°	4483.4	4445.4	4231.9	3183.4	2002.1	1243.0	768.6	578.8	517.1	488.7	479.2
30°	4763.3	4749.1	4540.3	3449.1	1978.4	1138.6	697.4	555.1	517.1	488.7	460.2
32.5°	5043.2	5047.9	4825.0	3653.1	1945.2	1048.5	631.0	493.4	455.5	436.5	441.2
35°	5332.6	5356.3	5166.6	3852.4	1874.0	1015.3	583.6	460.2	427.0	398.5	384.3
37.5°	5697.9	5759.6	5574.6	4075.4	1802.8	986.8	559.8	436.5	403.3	379.5	360.6
40°	5992.1	6105.9	5996.8	4284.1	1755.4	953.6	540.9	412.8	389.0	360.6	346.3
42.5°	6210.3	6343.1	6305.2	4445.4	1755.4	920.4	521.9	398.5	379.5	346.3	327.4
45°	6400.1	6537.7	6532.9	4611.5	1793.3	901.4	498.2	398.5	370.1	336.8	317.9
47.5°	6570.9	6708.5	6755.9	4820.2	1855.0	891.9	469.7	389.0	370.1	332.1	303.6
50°	6755.9	6907.7	7050.0	5152.3	1930.9	868.2	450.7	374.8	374.8	327.4	294.1
52.5°	6993.1	7163.9	7424.8	5565.1	2006.8	825.5	422.2	365.3	374.8	322.6	284.7
55°	7377.4	7519.7	7861.3	6058.5	2101.7	773.3	398.5	341.6	355.8	308.4	270.4
57.5°	7809.1	7932.5	8217.1	6438.0	2130.2	706.9	365.3	317.9	341.6	294.1	251.4
60°	8340.5	8402.2	8402.2	6547.1	2035.3	645.2	341.6	298.9	308.4	279.9	237.2
62.5°	8677.3	8677.3	8402.2	6347.9	1855.0	593.0	322.6	279.9	270.4	260.9	223.0
65°	8653.6	8615.7	8207.7	5769.1	1646.3	559.8	303.6	256.2	242.0	237.2	208.7
67.5°	8255.1	8188.7	7633.6	4953.1	1428.0	545.6	284.7	232.5	223.0	213.5	189.8
70°	7410.6	7239.8	6556.6	3985.2	1214.5	536.1	279.9	213.5	204.0	194.5	175.5
72.5°	6186.6	5968.3	5119.1	3064.8	1020.0	502.9	265.7	189.8	185.0	175.5	156.6
75°	4720.6	4317.3	3572.5	2343.7	792.3	436.5	227.7	166.1	166.1	161.3	142.3
77.5°	3254.6	3045.8	2490.8	1731.7	578.8	336.8	185.0	147.1	147.1	151.8	132.8
80°	2301.0	2106.5	1774.4	1243.0	365.3	227.7	142.3	123.4	137.6	147.1	123.4
82.5°	1760.1	1617.8	1318.9	906.2	213.5	156.6	109.1	99.6	118.6	128.1	104.4
85°	1224.0	1053.2	668.9	607.3	123.4	94.9	80.7	80.7	104.4	128.1	94.9
87.5°	346.3	147.1	42.7	180.3	52.2	38.0	28.5	19.0	28.5	28.5	19.0
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°	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4
2.5°	2941.5	2913.0	2913.0	2903.5	2908.3	2913.0	2908.3	2941.5	2955.7	2974.7	3012.6
5°	2258.3	2296.2	2267.8	2296.2	2334.2	2391.1	2405.4	2448.1	2452.8	2486.0	2467.0
7.5°	1674.7	1670.0	1646.3	1679.5	1783.9	1864.5	1902.5	1926.2	1930.9	1930.9	1907.2
10°	1418.5	1375.9	1333.2	1309.4	1318.9	1404.3	1432.8	1447.0	1437.5	1451.8	1432.8
12.5°	1214.5	1176.6	1114.9	1072.2	1043.7	1067.5	1095.9	1110.2	1119.7	1143.4	1162.4
15°	986.8	948.9	910.9	887.2	863.5	844.5	868.2	882.4	906.2	925.1	934.6
17.5°	749.6	730.6	711.6	725.9	725.9	716.4	725.9	730.6	740.1	754.3	749.6
20°	607.3	602.5	597.8	621.5	640.5	640.5	650.0	635.7	631.0	616.8	612.0
22.5°	540.9	540.9	545.6	564.6	583.6	593.0	593.0	569.3	545.6	536.1	540.9
25°	502.9	502.9	517.1	521.9	531.4	531.4	536.1	512.4	498.2	483.9	488.7
27.5°	474.4	474.4	479.2	479.2	483.9	483.9	488.7	479.2	460.2	455.5	455.5
30°	455.5	455.5	450.7	450.7	450.7	450.7	455.5	441.2	431.7	427.0	427.0
32.5°	436.5	431.7	427.0	427.0	422.2	422.2	427.0	412.8	408.0	408.0	408.0
35°	379.5	374.8	379.5	389.0	389.0	393.8	393.8	389.0	379.5	370.1	365.3
37.5°	355.8	351.1	351.1	351.1	360.6	365.3	370.1	360.6	346.3	332.1	332.1
40°	336.8	336.8	332.1	332.1	332.1	341.6	351.1	336.8	317.9	313.1	313.1
42.5°	322.6	317.9	313.1	308.4	303.6	317.9	327.4	308.4	298.9	298.9	298.9
45°	308.4	303.6	298.9	294.1	289.4	294.1	303.6	284.7	279.9	279.9	279.9
47.5°	294.1	289.4	279.9	275.2	270.4	270.4	279.9	265.7	260.9	265.7	265.7
50°	284.7	275.2	265.7	260.9	256.2	256.2	256.2	251.4	251.4	251.4	256.2
52.5°	275.2	265.7	251.4	246.7	242.0	242.0	242.0	242.0	237.2	242.0	246.7
55°	260.9	251.4	242.0	237.2	232.5	227.7	232.5	227.7	227.7	232.5	232.5
57.5°	242.0	232.5	223.0	223.0	218.2	218.2	223.0	218.2	218.2	223.0	223.0
60°	227.7	218.2	208.7	208.7	204.0	208.7	213.5	208.7	208.7	208.7	213.5
62.5°	208.7	204.0	194.5	194.5	194.5	194.5	199.3	194.5	199.3	199.3	199.3
65°	194.5	185.0	180.3	180.3	180.3	180.3	189.8	180.3	185.0	185.0	185.0
67.5°	180.3	170.8	166.1	166.1	166.1	166.1	175.5	166.1	170.8	175.5	170.8
70°	166.1	156.6	151.8	151.8	151.8	151.8	156.6	151.8	151.8	156.6	156.6
72.5°	147.1	142.3	137.6	137.6	132.8	137.6	142.3	137.6	137.6	137.6	137.6
75°	132.8	128.1	128.1	123.4	123.4	123.4	128.1	118.6	118.6	118.6	118.6
77.5°	123.4	113.9	113.9	113.9	109.1	113.9	109.1	99.6	99.6	99.6	99.6
80°	104.4	94.9	99.6	99.6	94.9	94.9	90.1	80.7	80.7	80.7	80.7
82.5°	85.4	75.9	80.7	80.7	80.7	80.7	71.2	66.4	61.7	56.9	56.9
85°	75.9	61.7	71.2	71.2	66.4	66.4	47.4	47.4	38.0	38.0	33.2
87.5°	14.2	9.5	19.0	23.7	23.7	28.5	19.0	23.7	14.2	9.5	9.5
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):**

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4
2.5°	3007.9	3060.1	3131.2	3183.4	3264.1	3325.8	3420.6	3501.3	3577.2	3610.4	3643.6
5°	2524.0	2557.2	2666.3	2751.7	2879.8	3017.4	3188.2	3373.2	3563.0	3648.4	3748.0
7.5°	1888.2	1949.9	2011.6	2134.9	2291.5	2514.5	2732.7	3007.9	3273.6	3401.7	3572.5
10°	1466.0	1513.4	1584.6	1712.7	1859.8	2044.8	2305.7	2633.1	2951.0	3117.0	3292.6
12.5°	1176.6	1243.0	1337.9	1470.7	1641.5	1831.3	2021.1	2324.7	2694.8	2884.5	3083.8
15°	953.6	1005.8	1110.2	1276.2	1475.5	1670.0	1869.3	2120.7	2524.0	2742.2	2979.4
17.5°	759.1	797.0	891.9	1058.0	1257.2	1475.5	1703.2	2021.1	2467.0	2732.7	3012.6
20°	616.8	645.2	706.9	830.3	1020.0	1257.2	1541.9	1926.2	2500.3	2841.8	3183.4
22.5°	540.9	550.3	578.8	645.2	801.8	1053.2	1394.8	1845.5	2561.9	3003.1	3463.3
25°	488.7	498.2	507.6	550.3	640.5	877.7	1266.7	1798.1	2694.8	3240.4	3786.0
27.5°	455.5	464.9	469.7	488.7	550.3	749.6	1157.6	1769.6	2875.1	3586.7	4184.5
30°	427.0	427.0	441.2	469.7	512.4	659.5	1062.7	1703.2	3064.8	3876.1	4497.6
32.5°	403.3	408.0	427.0	441.2	469.7	583.6	967.8	1617.8	3235.6	4113.3	4806.0
35°	360.6	360.6	365.3	389.0	427.0	521.9	882.4	1532.4	3330.5	4345.8	5081.2
37.5°	332.1	336.8	346.3	365.3	398.5	479.2	811.3	1437.5	3430.1	4564.0	5403.8
40°	313.1	317.9	327.4	346.3	379.5	441.2	749.6	1361.6	3534.5	4801.2	5750.1
42.5°	298.9	303.6	313.1	332.1	360.6	431.7	683.2	1299.9	3596.2	5019.5	6077.5
45°	284.7	289.4	303.6	322.6	346.3	422.2	645.2	1257.2	3619.9	5166.6	6338.4
47.5°	270.4	275.2	289.4	317.9	346.3	408.0	631.0	1233.5	3638.9	5332.6	6547.1
50°	256.2	265.7	284.7	313.1	351.1	389.0	621.5	1228.8	3748.0	5546.1	6746.4
52.5°	246.7	260.9	279.9	313.1	346.3	360.6	616.8	1243.0	3966.2	5864.0	7031.1
55°	237.2	251.4	270.4	313.1	332.1	336.8	593.0	1266.7	4298.3	6305.2	7434.3
57.5°	227.7	237.2	260.9	303.6	313.1	317.9	545.6	1299.9	4630.4	6736.9	7847.1
60°	213.5	223.0	246.7	303.6	284.7	298.9	483.9	1309.4	4867.7	6874.5	7885.0
62.5°	199.3	208.7	232.5	313.1	260.9	279.9	431.7	1276.2	4915.1	6675.2	7671.6
65°	185.0	194.5	213.5	260.9	242.0	260.9	398.5	1186.1	4758.5	6219.8	7282.5
67.5°	170.8	180.3	194.5	213.5	218.2	237.2	384.3	1043.7	4364.8	5655.2	6751.2
70°	151.8	161.3	175.5	189.8	194.5	223.0	360.6	906.2	3729.0	4900.9	6101.2
72.5°	137.6	142.3	156.6	166.1	175.5	204.0	346.3	792.3	2851.3	3966.2	4976.8
75°	118.6	118.6	132.8	142.3	151.8	180.3	317.9	659.5	2011.6	3026.9	3657.9
77.5°	99.6	99.6	109.1	118.6	128.1	156.6	270.4	536.1	1394.8	2400.6	2652.1
80°	75.9	75.9	85.4	94.9	104.4	132.8	218.2	393.8	863.5	1755.4	1930.9
82.5°	52.2	52.2	66.4	71.2	75.9	104.4	166.1	270.4	507.6	1266.7	1380.6
85°	28.5	28.5	38.0	42.7	52.2	75.9	123.4	189.8	303.6	915.7	920.4
87.5°	4.7	4.7	14.2	14.2	23.7	38.0	71.2	104.4	170.8	507.6	322.6
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: P598591  
 CATALOG NUMBER: IFLD-S-SA2E-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4	3387.4
2.5°	3705.3	3757.5	3762.2	3762.2	3738.5	3743.3	3676.8	3605.7	3582.0	3577.2
5°	3899.8	4037.4	4075.4	4094.3	4032.7	3937.8	3767.0	3582.0	3487.1	3472.8
7.5°	3861.9	4137.0	4284.1	4303.1	4179.7	3956.8	3657.9	3373.2	3264.1	3235.6
10°	3638.9	4008.9	4274.6	4341.0	4208.2	3923.5	3534.5	3202.4	3069.6	3045.8
12.5°	3482.3	3838.1	4099.1	4189.2	4127.6	3880.8	3472.8	3093.3	2960.4	2927.2
15°	3396.9	3724.3	3895.1	3923.5	3918.8	3814.4	3472.8	3117.0	2969.9	2932.0
17.5°	3468.1	3691.1	3714.8	3648.4	3686.3	3738.5	3548.7	3245.1	3102.8	3069.6
20°	3610.4	3676.8	3563.0	3463.3	3482.3	3648.4	3667.4	3487.1	3373.2	3316.3
22.5°	3909.3	3729.0	3468.1	3330.5	3344.7	3577.2	3823.9	3814.4	3714.8	3686.3
25°	4212.9	3876.1	3439.6	3278.3	3297.3	3563.0	4008.9	4179.7	4127.6	4113.3
27.5°	4549.8	4122.8	3458.6	3254.6	3278.3	3582.0	4137.0	4488.1	4497.6	4483.4
30°	4777.5	4241.4	3515.5	3283.1	3316.3	3629.4	4165.5	4673.1	4758.5	4763.3
32.5°	4967.3	4360.0	3634.1	3330.5	3387.4	3714.8	4241.4	4848.7	5038.5	5043.2
35°	5119.1	4492.9	3781.2	3415.9	3501.3	3857.1	4341.0	5014.7	5299.4	5332.6
37.5°	5313.6	4639.9	3952.0	3600.9	3695.8	4061.1	4516.6	5209.3	5607.8	5697.9
40°	5522.4	4787.0	4198.7	3899.8	4037.4	4364.8	4715.8	5427.5	5868.7	5992.1
42.5°	5754.8	4943.6	4478.6	4303.1	4511.8	4749.1	4943.6	5626.8	6068.0	6210.3
45°	5982.6	5133.3	4886.6	4853.4	5085.9	5204.5	5166.6	5769.1	6257.7	6400.1
47.5°	6143.9	5408.5	5380.0	5579.3	5797.5	5735.9	5427.5	5873.5	6414.3	6570.9
50°	6291.0	5750.1	6001.6	6390.6	6523.4	6314.7	5707.4	6015.8	6580.4	6755.9
52.5°	6509.2	6115.4	6642.0	7126.0	7254.1	6921.9	6011.0	6248.3	6836.6	6993.1
55°	6955.2	6528.2	7311.0	7866.1	7889.8	7477.0	6419.1	6642.0	7197.1	7377.4
57.5°	7453.3	7035.8	7842.3	8478.1	8468.6	8032.1	6879.3	7173.4	7685.8	7809.1
60°	7904.0	7548.2	8421.2	8914.6	8890.8	8435.4	7415.4	7775.9	8245.6	8340.5
62.5°	8169.7	8013.1	8677.3	9052.1	8962.0	8568.2	7870.8	8312.0	8644.1	8677.3
65°	8127.0	8278.8	8378.5	8610.9	8482.8	8198.2	8093.8	8653.6	8686.8	8653.6
67.5°	7804.4	8127.0	7557.7	7581.4	7515.0	7273.0	7747.5	8563.5	8335.8	8255.1
70°	7315.7	7339.4	6319.4	6020.5	6124.9	5792.8	6646.8	7861.3	7510.2	7410.6
72.5°	6504.4	6210.3	4777.5	4473.9	4630.4	4393.2	5332.6	6850.8	6509.2	6186.6
75°	5456.0	4919.9	3638.9	3207.2	3287.8	3278.3	4132.3	5660.0	5043.2	4720.6
77.5°	4227.2	3833.4	2685.3	2519.2	2433.8	2452.8	2884.5	4208.2	3657.9	3254.6
80°	3088.5	2680.5	2078.0	2172.9	2125.5	2011.6	2021.1	2818.1	2543.0	2301.0
82.5°	2134.9	1907.2	1684.2	1902.5	1788.6	1613.1	1575.1	2030.6	1907.2	1760.1
85°	1432.8	1570.4	1337.9	1456.5	1262.0	1162.4	1480.2	1698.5	1371.1	1224.0
87.5°	934.6	1437.5	963.1	730.6	417.5	559.8	906.2	1114.9	640.5	346.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)