

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: P598791

Luminaire Tested: **IFLD-S-SA2B-827-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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**Test Information**

Test Method: LM-79-08  
 Report Number: P598791  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/03/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA2B-827-U-SLR  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens  
 Light Source: (32) 2700K CCT, 80 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

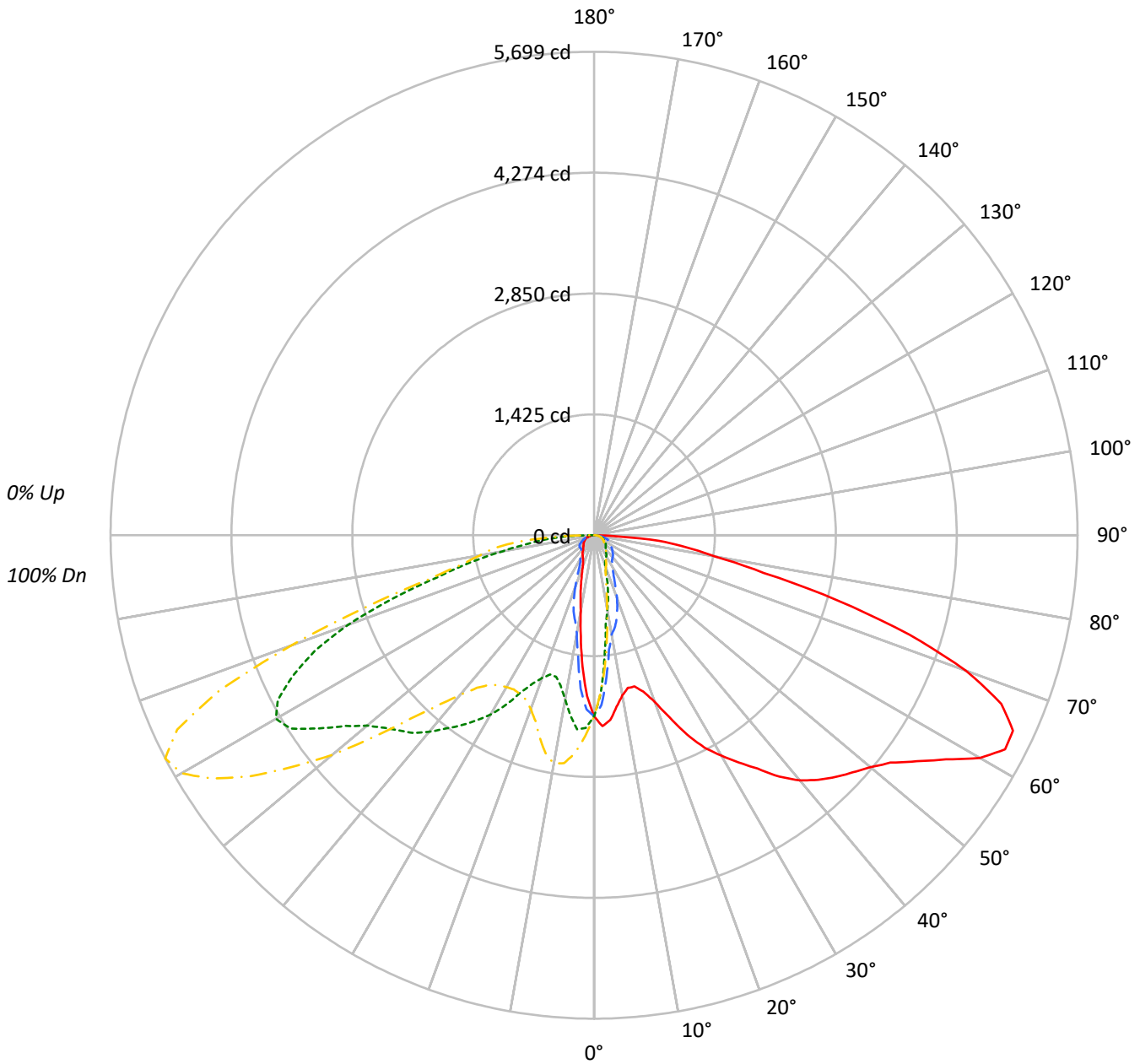
Lumens per Lamp: N/A  
 Luminaire Lumens: 7139.1 lumens  
 Efficiency: N/A  
 Efficacy: 86.6 lumens/watt  
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8  
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 82.4  
 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

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

	0°	90°	180°	270°
0°	45910	45910	45910	45910
5°	47246	30723	33563	49634
10°	41916	19523	19718	42896
15°	41138	13847	13114	38477
20°	47830	8758	8827	40987
25°	61512	7520	7307	48457
30°	74542	7127	6682	60659
35°	88229	6278	6045	71901
40°	106011	5961	5539	84943
45°	122669	5909	5364	99025
50°	142445	6002	5402	116938
55°	174320	6167	5495	148986
60°	226077	6174	5787	186341
65°	277512	6240	5934	199463
70°	293655	6578	6206	194205
75°	247194	6954	6213	158502
80°	179588	8145	6298	137003
85°	190341	11807	5162	142398

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	165.0	2.3
10°-20°	345.4	4.8
20°-30°	497.8	7.0
30°-40°	716.6	10.0
40°-50°	1017.9	14.3
50°-60°	1463.4	20.5
60°-70°	1690.7	23.7
70°-80°	957.3	13.4
80°-90°	284.9	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°	1008.2	14.1
0°-40°	1724.8	24.2
0°-60°	4206.1	58.9
0°-90°	7139.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7139.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2133	2133	2133	2133	2133	
5°	2186	1422	1553	2297	2186	198
15°	1846	621	588	1726	1846	543
25°	2590	317	308	2040	2590	1202
35°	3357	239	230	2736	3357	2131
45°	4029	194	176	3253	4029	3120
55°	4644	164	146	3970	4644	4206
65°	5448	122	116	3916	5448	5224
75°	2972	84	75	1906	2972	3153
85°	771	48	21	576	771	767
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°	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6
2.5°	2252.0	2249.1	2231.1	2174.4	2114.7	2057.9	2004.1	1947.4	1917.5	1881.7	1866.7
5°	2186.3	2180.4	2129.6	2004.1	1893.6	1774.2	1672.6	1592.0	1526.3	1460.5	1436.6
7.5°	2037.0	2028.0	1968.3	1795.1	1633.8	1478.5	1356.0	1251.5	1164.9	1126.0	1081.2
10°	1917.5	1902.6	1824.9	1633.8	1424.7	1269.4	1188.7	1117.1	1042.4	979.7	914.0
12.5°	1842.9	1824.9	1744.3	1520.3	1317.2	1200.7	1117.1	1036.4	943.8	866.2	794.5
15°	1845.8	1824.9	1726.4	1490.4	1290.3	1141.0	1024.5	914.0	806.4	719.8	639.2
17.5°	1932.5	1905.6	1801.0	1532.2	1269.4	1063.3	908.0	764.6	642.2	549.6	483.9
20°	2087.8	2069.9	1950.4	1594.9	1248.5	979.7	788.5	615.3	486.8	415.2	388.3
22.5°	2320.7	2299.8	2171.4	1690.5	1242.5	905.0	660.1	483.9	391.3	361.4	346.5
25°	2589.6	2550.7	2431.3	1851.8	1254.5	836.3	555.5	400.2	349.5	328.5	319.6
27.5°	2822.5	2798.6	2664.2	2004.1	1260.4	782.5	483.9	364.4	325.6	307.6	301.7
30°	2998.7	2989.8	2858.4	2171.4	1245.5	716.8	439.1	349.5	325.6	307.6	289.7
32.5°	3175.0	3178.0	3037.6	2299.8	1224.6	660.1	397.2	310.6	286.7	274.8	277.8
35°	3357.2	3372.1	3252.6	2425.3	1179.8	639.2	367.4	289.7	268.8	250.9	241.9
37.5°	3587.1	3626.0	3509.5	2565.7	1135.0	621.3	352.4	274.8	253.9	238.9	227.0
40°	3772.3	3844.0	3775.3	2697.1	1105.1	600.3	340.5	259.9	244.9	227.0	218.0
42.5°	3909.7	3993.3	3969.5	2798.6	1105.1	579.4	328.5	250.9	238.9	218.0	206.1
45°	4029.2	4115.8	4112.8	2903.2	1129.0	567.5	313.6	250.9	233.0	212.1	200.1
47.5°	4136.7	4223.3	4253.2	3034.6	1167.8	561.5	295.7	244.9	233.0	209.1	191.2
50°	4253.2	4348.8	4438.4	3243.7	1215.6	546.6	283.7	236.0	236.0	206.1	185.2
52.5°	4402.5	4510.1	4674.3	3503.5	1263.4	519.7	265.8	230.0	236.0	203.1	179.2
55°	4644.5	4734.1	4949.1	3814.1	1323.2	486.8	250.9	215.0	224.0	194.1	170.2
57.5°	4916.3	4993.9	5173.1	4053.1	1341.1	445.0	230.0	200.1	215.0	185.2	158.3
60°	5250.8	5289.6	5289.6	4121.8	1281.3	406.2	215.0	188.2	194.1	176.2	149.3
62.5°	5462.9	5462.9	5289.6	3996.3	1167.8	373.3	203.1	176.2	170.2	164.3	140.4
65°	5447.9	5424.0	5167.2	3631.9	1036.4	352.4	191.2	161.3	152.3	149.3	131.4
67.5°	5197.0	5155.2	4805.8	3118.2	899.0	343.5	179.2	146.4	140.4	134.4	119.5
70°	4665.4	4557.9	4127.8	2508.9	764.6	337.5	176.2	134.4	128.4	122.5	110.5
72.5°	3894.8	3757.4	3222.8	1929.5	642.2	316.6	167.3	119.5	116.5	110.5	98.6
75°	2971.9	2718.0	2249.1	1475.5	498.8	274.8	143.4	104.5	104.5	101.6	89.6
77.5°	2048.9	1917.5	1568.1	1090.2	364.4	212.1	116.5	92.6	92.6	95.6	83.6
80°	1448.6	1326.1	1117.1	782.5	230.0	143.4	89.6	77.7	86.6	92.6	77.7
82.5°	1108.1	1018.5	830.3	570.5	134.4	98.6	68.7	62.7	74.7	80.6	65.7
85°	770.6	663.1	421.1	382.3	77.7	59.7	50.8	50.8	65.7	80.6	59.7
87.5°	218.0	92.6	26.9	113.5	32.9	23.9	17.9	11.9	17.9	17.9	11.9
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°	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6
2.5°	1851.8	1833.9	1833.9	1827.9	1830.9	1833.9	1830.9	1851.8	1860.8	1872.7	1896.6
5°	1421.7	1445.6	1427.7	1445.6	1469.5	1505.3	1514.3	1541.2	1544.2	1565.1	1553.1
7.5°	1054.3	1051.4	1036.4	1057.3	1123.0	1173.8	1197.7	1212.6	1215.6	1215.6	1200.7
10°	893.1	866.2	839.3	824.4	830.3	884.1	902.0	911.0	905.0	914.0	902.0
12.5°	764.6	740.7	701.9	675.0	657.1	672.0	690.0	698.9	704.9	719.8	731.8
15°	621.3	597.4	573.5	558.5	543.6	531.6	546.6	555.5	570.5	582.4	588.4
17.5°	471.9	460.0	448.0	457.0	457.0	451.0	457.0	460.0	465.9	474.9	471.9
20°	382.3	379.3	376.3	391.3	403.2	403.2	409.2	400.2	397.2	388.3	385.3
22.5°	340.5	340.5	343.5	355.4	367.4	373.3	373.3	358.4	343.5	337.5	340.5
25°	316.6	316.6	325.6	328.5	334.5	334.5	337.5	322.6	313.6	304.7	307.6
27.5°	298.7	298.7	301.7	301.7	304.7	304.7	307.6	301.7	289.7	286.7	286.7
30°	286.7	286.7	283.7	283.7	283.7	283.7	286.7	277.8	271.8	268.8	268.8
32.5°	274.8	271.8	268.8	268.8	265.8	265.8	268.8	259.9	256.9	256.9	256.9
35°	238.9	236.0	238.9	244.9	244.9	247.9	247.9	244.9	238.9	233.0	230.0
37.5°	224.0	221.0	221.0	221.0	227.0	230.0	233.0	227.0	218.0	209.1	209.1
40°	212.1	212.1	209.1	209.1	209.1	215.0	221.0	212.1	200.1	197.1	197.1
42.5°	203.1	200.1	197.1	194.1	191.2	200.1	206.1	194.1	188.2	188.2	188.2
45°	194.1	191.2	188.2	185.2	182.2	185.2	191.2	179.2	176.2	176.2	176.2
47.5°	185.2	182.2	176.2	173.2	170.2	170.2	176.2	167.3	164.3	167.3	167.3
50°	179.2	173.2	167.3	164.3	161.3	161.3	161.3	158.3	158.3	158.3	161.3
52.5°	173.2	167.3	158.3	155.3	152.3	152.3	152.3	152.3	149.3	152.3	155.3
55°	164.3	158.3	152.3	149.3	146.4	143.4	146.4	143.4	143.4	146.4	146.4
57.5°	152.3	146.4	140.4	140.4	137.4	137.4	140.4	137.4	137.4	140.4	140.4
60°	143.4	137.4	131.4	131.4	128.4	131.4	134.4	131.4	131.4	131.4	134.4
62.5°	131.4	128.4	122.5	122.5	122.5	122.5	125.4	122.5	125.4	125.4	125.4
65°	122.5	116.5	113.5	113.5	113.5	113.5	119.5	113.5	116.5	116.5	116.5
67.5°	113.5	107.5	104.5	104.5	104.5	104.5	110.5	104.5	107.5	110.5	107.5
70°	104.5	98.6	95.6	95.6	95.6	95.6	98.6	95.6	95.6	98.6	98.6
72.5°	92.6	89.6	86.6	86.6	83.6	86.6	89.6	86.6	86.6	86.6	86.6
75°	83.6	80.6	80.6	77.7	77.7	77.7	80.6	74.7	74.7	74.7	74.7
77.5°	77.7	71.7	71.7	71.7	68.7	71.7	68.7	62.7	62.7	62.7	62.7
80°	65.7	59.7	62.7	62.7	59.7	59.7	56.7	50.8	50.8	50.8	50.8
82.5°	53.8	47.8	50.8	50.8	50.8	50.8	44.8	41.8	38.8	35.8	35.8
85°	47.8	38.8	44.8	44.8	41.8	41.8	29.9	29.9	23.9	23.9	20.9
87.5°	9.0	6.0	11.9	14.9	14.9	17.9	11.9	14.9	9.0	6.0	6.0
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°	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6
2.5°	1893.6	1926.5	1971.3	2004.1	2054.9	2093.7	2153.5	2204.3	2252.0	2273.0	2293.9
5°	1589.0	1609.9	1678.6	1732.3	1813.0	1899.6	2007.1	2123.6	2243.1	2296.8	2359.6
7.5°	1188.7	1227.6	1266.4	1344.1	1442.6	1583.0	1720.4	1893.6	2060.9	2141.5	2249.1
10°	922.9	952.8	997.6	1078.2	1170.8	1287.3	1451.6	1657.7	1857.8	1962.3	2072.8
12.5°	740.7	782.5	842.3	925.9	1033.4	1152.9	1272.4	1463.5	1696.5	1816.0	1941.4
15°	600.3	633.2	698.9	803.4	928.9	1051.4	1176.8	1335.1	1589.0	1726.4	1875.7
17.5°	477.9	501.8	561.5	666.1	791.5	928.9	1072.3	1272.4	1553.1	1720.4	1896.6
20°	388.3	406.2	445.0	522.7	642.2	791.5	970.7	1212.6	1574.0	1789.1	2004.1
22.5°	340.5	346.5	364.4	406.2	504.8	663.1	878.1	1161.9	1612.9	1890.6	2180.4
25°	307.6	313.6	319.6	346.5	403.2	552.6	797.5	1132.0	1696.5	2040.0	2383.5
27.5°	286.7	292.7	295.7	307.6	346.5	471.9	728.8	1114.1	1810.0	2258.0	2634.4
30°	268.8	268.8	277.8	295.7	322.6	415.2	669.0	1072.3	1929.5	2440.2	2831.5
32.5°	253.9	256.9	268.8	277.8	295.7	367.4	609.3	1018.5	2037.0	2589.6	3025.6
35°	227.0	227.0	230.0	244.9	268.8	328.5	555.5	964.7	2096.7	2735.9	3198.9
37.5°	209.1	212.1	218.0	230.0	250.9	301.7	510.7	905.0	2159.5	2873.3	3402.0
40°	197.1	200.1	206.1	218.0	238.9	277.8	471.9	857.2	2225.2	3022.6	3620.0
42.5°	188.2	191.2	197.1	209.1	227.0	271.8	430.1	818.4	2264.0	3160.0	3826.1
45°	179.2	182.2	191.2	203.1	218.0	265.8	406.2	791.5	2278.9	3252.6	3990.4
47.5°	170.2	173.2	182.2	200.1	218.0	256.9	397.2	776.6	2290.9	3357.2	4121.8
50°	161.3	167.3	179.2	197.1	221.0	244.9	391.3	773.6	2359.6	3491.6	4247.2
52.5°	155.3	164.3	176.2	197.1	218.0	227.0	388.3	782.5	2497.0	3691.7	4426.4
55°	149.3	158.3	170.2	197.1	209.1	212.1	373.3	797.5	2706.0	3969.5	4680.3
57.5°	143.4	149.3	164.3	191.2	197.1	200.1	343.5	818.4	2915.1	4241.3	4940.2
60°	134.4	140.4	155.3	191.2	179.2	188.2	304.7	824.4	3064.5	4327.9	4964.1
62.5°	125.4	131.4	146.4	197.1	164.3	176.2	271.8	803.4	3094.3	4202.4	4829.7
65°	116.5	122.5	134.4	164.3	152.3	164.3	250.9	746.7	2995.8	3915.7	4584.7
67.5°	107.5	113.5	122.5	134.4	137.4	149.3	241.9	657.1	2747.9	3560.3	4250.2
70°	95.6	101.6	110.5	119.5	122.5	140.4	227.0	570.5	2347.6	3085.4	3841.0
72.5°	86.6	89.6	98.6	104.5	110.5	128.4	218.0	498.8	1795.1	2497.0	3133.2
75°	74.7	74.7	83.6	89.6	95.6	113.5	200.1	415.2	1266.4	1905.6	2302.8
77.5°	62.7	62.7	68.7	74.7	80.6	98.6	170.2	337.5	878.1	1511.3	1669.6
80°	47.8	47.8	53.8	59.7	65.7	83.6	137.4	247.9	543.6	1105.1	1215.6
82.5°	32.9	32.9	41.8	44.8	47.8	65.7	104.5	170.2	319.6	797.5	869.2
85°	17.9	17.9	23.9	26.9	32.9	47.8	77.7	119.5	191.2	576.5	579.4
87.5°	3.0	3.0	9.0	9.0	14.9	23.9	44.8	65.7	107.5	319.6	203.1
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: P598791  
 CATALOG NUMBER: IFLD-S-SA2B-827-U-SLR

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6	2132.6
2.5°	2332.7	2365.5	2368.5	2368.5	2353.6	2356.6	2314.8	2270.0	2255.0	2252.0
5°	2455.1	2541.8	2565.7	2577.6	2538.8	2479.0	2371.5	2255.0	2195.3	2186.3
7.5°	2431.3	2604.5	2697.1	2709.0	2631.4	2491.0	2302.8	2123.6	2054.9	2037.0
10°	2290.9	2523.8	2691.1	2732.9	2649.3	2470.1	2225.2	2016.1	1932.5	1917.5
12.5°	2192.3	2416.3	2580.6	2637.3	2598.5	2443.2	2186.3	1947.4	1863.8	1842.9
15°	2138.5	2344.6	2452.2	2470.1	2467.1	2401.4	2186.3	1962.3	1869.7	1845.8
17.5°	2183.3	2323.7	2338.7	2296.8	2320.7	2353.6	2234.1	2043.0	1953.4	1932.5
20°	2273.0	2314.8	2243.1	2180.4	2192.3	2296.8	2308.8	2195.3	2123.6	2087.8
22.5°	2461.1	2347.6	2183.3	2096.7	2105.7	2252.0	2407.4	2401.4	2338.7	2320.7
25°	2652.3	2440.2	2165.4	2063.9	2075.8	2243.1	2523.8	2631.4	2598.5	2589.6
27.5°	2864.3	2595.5	2177.4	2048.9	2063.9	2255.0	2604.5	2825.5	2831.5	2822.5
30°	3007.7	2670.2	2213.2	2066.9	2087.8	2284.9	2622.4	2942.0	2995.8	2998.7
32.5°	3127.2	2744.9	2287.9	2096.7	2132.6	2338.7	2670.2	3052.5	3172.0	3175.0
35°	3222.8	2828.5	2380.5	2150.5	2204.3	2428.3	2732.9	3157.0	3336.3	3357.2
37.5°	3345.2	2921.1	2488.0	2267.0	2326.7	2556.7	2843.4	3279.5	3530.4	3587.1
40°	3476.6	3013.7	2643.3	2455.1	2541.8	2747.9	2968.9	3416.9	3694.7	3772.3
42.5°	3623.0	3112.2	2819.5	2709.0	2840.4	2989.8	3112.2	3542.3	3820.1	3909.7
45°	3766.4	3231.7	3076.4	3055.5	3201.8	3276.5	3252.6	3631.9	3939.6	4029.2
47.5°	3867.9	3404.9	3387.0	3512.5	3649.9	3611.0	3416.9	3697.7	4038.1	4136.7
50°	3960.5	3620.0	3778.3	4023.2	4106.8	3975.4	3593.1	3787.3	4142.7	4253.2
52.5°	4097.9	3850.0	4181.5	4486.2	4566.8	4357.7	3784.3	3933.6	4304.0	4402.5
55°	4378.6	4109.8	4602.7	4952.1	4967.0	4707.2	4041.1	4181.5	4531.0	4644.5
57.5°	4692.3	4429.4	4937.2	5337.4	5331.4	5056.6	4330.9	4516.0	4838.6	4916.3
60°	4976.0	4752.0	5301.6	5612.2	5597.3	5310.5	4668.4	4895.4	5191.1	5250.8
62.5°	5143.3	5044.7	5462.9	5698.8	5642.1	5394.2	4955.1	5232.9	5441.9	5462.9
65°	5116.4	5212.0	5274.7	5421.0	5340.4	5161.2	5095.5	5447.9	5468.8	5447.9
67.5°	4913.3	5116.4	4758.0	4772.9	4731.1	4578.8	4877.4	5391.2	5247.8	5197.0
70°	4605.6	4620.6	3978.4	3790.2	3856.0	3646.9	4184.5	4949.1	4728.1	4665.4
72.5°	4094.9	3909.7	3007.7	2816.5	2915.1	2765.8	3357.2	4312.9	4097.9	3894.8
75°	3434.8	3097.3	2290.9	2019.1	2069.9	2063.9	2601.5	3563.2	3175.0	2971.9
77.5°	2661.2	2413.3	1690.5	1586.0	1532.2	1544.2	1816.0	2649.3	2302.8	2048.9
80°	1944.4	1687.5	1308.2	1368.0	1338.1	1266.4	1272.4	1774.2	1600.9	1448.6
82.5°	1344.1	1200.7	1060.3	1197.7	1126.0	1015.5	991.6	1278.3	1200.7	1108.1
85°	902.0	988.6	842.3	916.9	794.5	731.8	931.9	1069.3	863.2	770.6
87.5°	588.4	905.0	606.3	460.0	262.8	352.4	570.5	701.9	403.2	218.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)