

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: P599166

Luminaire Tested: **IFLD-L-SA8D-727-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: P599166  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-L-SA8D-727-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (128) 2700K CCT, 70 CRI LEDS  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

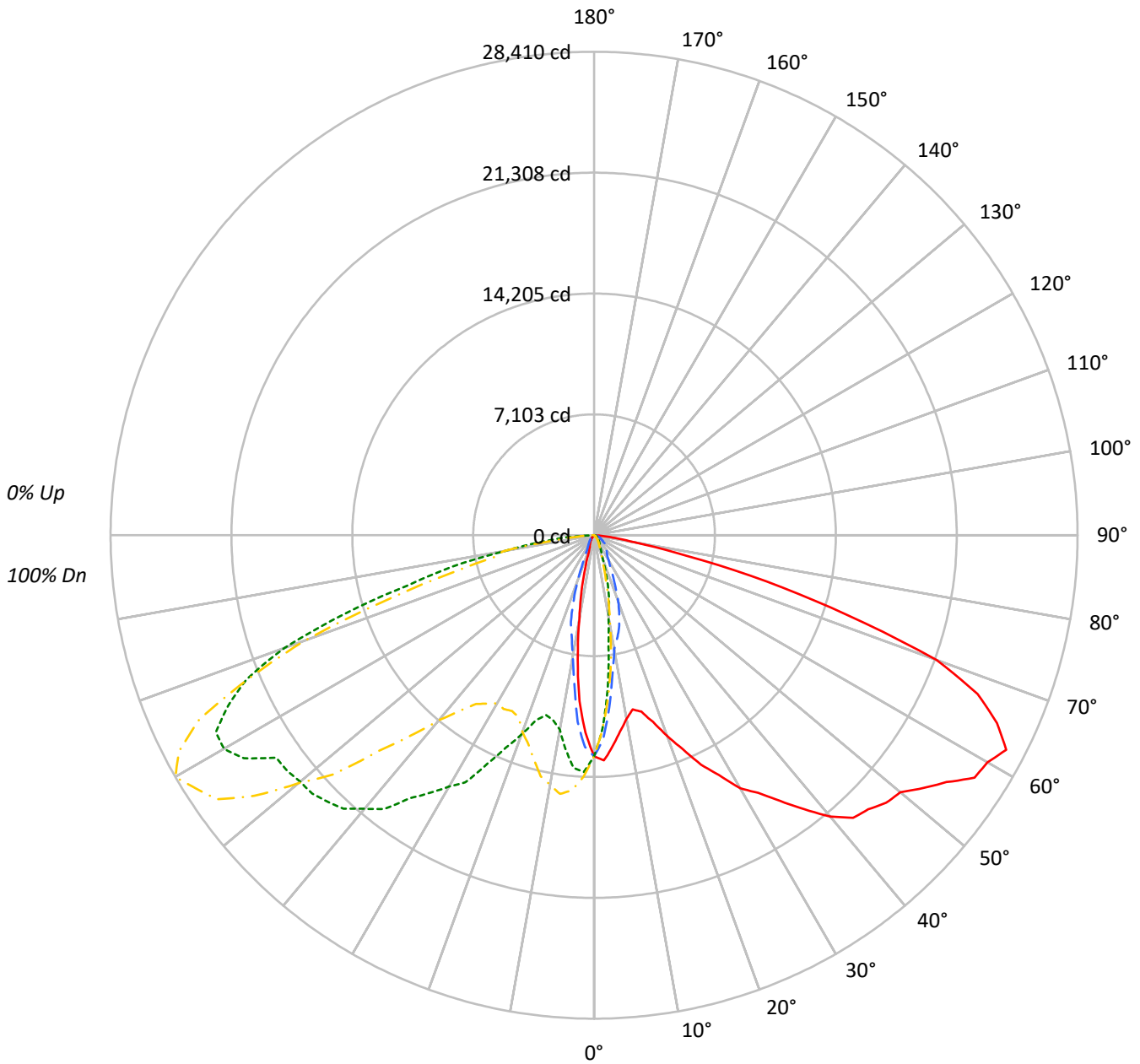
Lumens per Lamp: N/A  
 Luminaire Lumens: 33960.0 lumens  
 Efficiency: N/A  
 Efficacy: 69.5 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
 CIE Type: Direct

Input Watts (W): 488.3  
 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°	69873	69873	69873	69873
5°	67271	49167	52927	74147
10°	59893	26769	27119	63396
15°	59789	17855	10917	60911
20°	71788	8915	4352	71369
25°	88297	5600	3371	87862
30°	106686	4495	2560	106003
35°	125182	3609	1985	123919
40°	151550	3088	1286	147369
45°	173380	2787	697	168572
50°	196709	2683	153	188659
55°	237283	2578	0	213916
60°	287279	2168	0	270229
65°	332651	1748	0	302336
70°	336843	1441	0	304859
75°	217995	952	0	233796
80°	74347	285	0	165437
85°	37316	0	0	121557

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	983.5	2.9
10°-20°	1904.3	5.6
20°-30°	2652.3	7.8
30°-40°	3768.6	11.1
40°-50°	5226.0	15.4
50°-60°	7120.7	21.0
60°-70°	7828.6	23.1
70°-80°	3847.7	11.3
80°-90°	628.3	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°	5540.1	16.3
0°-40°	9308.7	27.4
0°-60°	21655.3	63.8
0°-90°	33960.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	33960.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	12983	12983	12983	12983	12983	
5°	12452	9101	9797	13724	12452	1139
15°	10731	3204	1959	10932	10731	3176
25°	14869	943	568	14796	14869	6913
35°	19053	549	302	18861	19053	12094
45°	22780	366	92	22148	22780	17658
55°	25288	275	0	22798	25288	22748
65°	26121	137	0	23741	26121	25243
75°	10483	46	0	11243	10483	11429
85°	604	0	0	1968	604	836
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°	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9
2.5°	13248.4	13404.0	13257.5	12744.8	12653.3	12406.1	12030.7	12003.2	11609.5	11655.3	11444.7
5°	12451.8	12607.5	12296.2	11618.7	10986.9	10483.4	10181.2	9641.0	9522.0	9256.5	9256.5
7.5°	11637.0	11627.8	11096.8	10529.1	9586.1	8661.4	8240.2	7461.9	7004.2	6757.0	6518.9
10°	10959.5	10813.0	10483.4	9311.4	8286.0	7324.6	6802.7	6290.0	5813.9	5401.9	4989.9
12.5°	10483.4	10574.9	10053.0	8780.4	7452.8	6784.4	6225.9	5685.7	5118.1	4651.1	4193.3
15°	10730.6	10584.1	9970.6	8661.4	7315.5	6399.9	5658.3	4999.0	4367.3	3753.9	3405.9
17.5°	11499.6	11124.3	10400.9	8661.4	7031.6	5813.9	4916.6	4138.4	3460.9	2911.5	2481.2
20°	12534.2	12103.9	11325.7	8981.8	6821.0	5383.6	4156.7	3177.1	2472.1	1959.3	1629.7
22.5°	13596.3	13257.5	12085.6	9110.0	6573.8	4806.8	3277.8	2298.1	1648.0	1318.4	1153.6
25°	14869.0	14392.9	13111.1	9622.7	6207.6	4248.3	2581.9	1602.3	1226.9	1052.9	952.2
27.5°	15885.3	15802.9	14072.4	9934.0	5932.9	3790.5	2041.7	1272.7	1016.3	888.1	824.0
30°	17167.1	16718.4	15244.3	10556.6	5621.6	3268.6	1703.0	1144.5	933.9	796.6	750.8
32.5°	17936.1	17725.6	15857.8	10904.5	5273.7	2838.3	1464.9	1007.1	851.5	750.8	705.0
35°	19053.1	18632.0	16736.7	11124.3	5090.6	2591.1	1318.4	915.6	714.1	613.4	558.5
37.5°	20298.3	20142.7	17789.7	11115.1	4825.1	2444.6	1217.7	851.5	677.5	567.7	503.6
40°	21571.0	20939.2	18430.6	11371.5	4687.8	2334.7	1144.5	814.9	640.9	540.2	457.8
42.5°	22523.2	21799.9	19172.2	11279.9	4522.9	2142.4	1117.0	759.9	613.4	494.4	421.2
45°	22779.5	22523.2	19840.5	11252.4	4403.9	1986.8	1071.2	750.8	595.1	466.9	393.7
47.5°	23274.0	23100.0	20664.6	11298.2	4312.4	1867.8	961.4	769.1	567.7	439.5	375.4
50°	23493.7	23182.4	21332.9	11408.1	4101.8	1721.3	860.6	805.7	558.5	430.3	357.1
52.5°	24400.1	24125.4	22248.5	11719.4	3927.8	1529.0	759.9	769.1	576.8	402.9	338.8
55°	25288.2	24976.9	23658.5	12433.5	3680.6	1373.4	650.1	677.5	549.3	366.2	302.1
57.5°	26505.9	25993.2	24601.5	12726.5	3460.9	1162.8	576.8	558.5	512.7	329.6	265.5
60°	26689.1	26899.6	24464.2	12543.4	3232.0	1025.4	503.6	430.3	549.3	293.0	228.9
62.5°	27302.5	26423.5	23823.3	12122.2	3067.2	943.0	448.6	357.1	476.1	256.4	192.3
65°	26121.4	25471.3	22321.8	10767.2	2856.6	952.2	393.7	293.0	302.1	210.6	155.6
67.5°	24391.0	23878.2	19831.4	9293.1	2646.0	933.9	347.9	256.4	228.9	183.1	137.3
70°	21406.2	20298.3	16846.6	7544.4	2334.7	869.8	293.0	228.9	192.3	146.5	100.7
72.5°	15574.0	15125.3	12085.6	5832.2	2096.7	787.4	274.7	192.3	164.8	109.9	82.4
75°	10483.4	9741.7	7626.8	3827.1	1684.7	686.7	228.9	174.0	128.2	82.4	64.1
77.5°	5539.2	5237.1	4321.5	1822.0	933.9	320.5	128.2	100.7	73.2	64.1	36.6
80°	2398.8	2133.3	1867.8	741.6	329.6	146.5	82.4	54.9	45.8	36.6	18.3
82.5°	1226.9	1171.9	970.5	320.5	192.3	109.9	45.8	36.6	27.5	18.3	9.2
85°	604.3	622.6	512.7	100.7	109.9	64.1	9.2	9.2	0.0	0.0	0.0
87.5°	45.8	45.8	36.6	18.3	27.5	9.2	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°	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9
2.5°	11362.3	11490.5	11270.7	11408.1	11344.0	11371.5	11398.9	11325.7	11344.0	11600.4	11609.5
5°	9100.8	9348.0	9256.5	9384.7	9604.4	9494.5	9595.2	9576.9	9595.2	9631.9	9796.7
7.5°	6491.4	6418.2	6592.2	6930.9	7324.6	7562.7	7443.6	7379.5	7342.9	7251.4	7361.2
10°	4898.3	4861.7	4815.9	4916.6	5173.0	5438.5	5585.0	5337.8	5200.5	5026.5	4962.4
12.5°	4065.2	3836.3	3708.1	3552.4	3625.7	3863.7	3872.9	3634.8	3415.1	3323.5	3424.3
15°	3204.5	3048.9	2820.0	2600.2	2490.4	2673.5	2517.8	2288.9	2005.1	1968.5	1959.3
17.5°	2288.9	2197.4	2032.6	1941.0	1812.8	1767.1	1602.3	1254.3	1052.9	998.0	1016.3
20°	1556.5	1483.2	1474.1	1391.7	1336.7	1300.1	1034.6	805.7	741.6	750.8	759.9
22.5°	1153.6	1117.0	1071.2	1062.1	1016.3	970.5	759.9	677.5	631.7	631.7	659.2
25°	943.0	924.7	879.0	860.6	842.3	778.2	640.9	576.8	558.5	540.2	567.7
27.5°	805.7	796.6	769.1	741.6	723.3	659.2	558.5	503.6	485.3	485.3	485.3
30°	723.3	723.3	686.7	631.7	631.7	558.5	476.1	439.5	421.2	421.2	412.0
32.5°	677.5	659.2	613.4	576.8	549.3	476.1	421.2	384.5	357.1	357.1	366.2
35°	549.3	549.3	540.2	512.7	476.1	402.9	357.1	320.5	302.1	293.0	302.1
37.5°	485.3	457.8	421.2	430.3	412.0	347.9	302.1	274.7	247.2	247.2	247.2
40°	439.5	412.0	375.4	347.9	338.8	311.3	265.5	219.7	192.3	183.1	183.1
42.5°	393.7	375.4	320.5	274.7	265.5	265.5	201.4	164.8	137.3	137.3	137.3
45°	366.2	338.8	293.0	238.0	192.3	201.4	164.8	119.0	100.7	91.6	91.6
47.5°	347.9	320.5	256.4	201.4	146.5	146.5	119.0	82.4	64.1	54.9	54.9
50°	320.5	293.0	228.9	164.8	109.9	91.6	73.2	45.8	27.5	18.3	18.3
52.5°	302.1	274.7	201.4	137.3	91.6	64.1	45.8	9.2	0.0	0.0	0.0
55°	274.7	238.0	174.0	109.9	73.2	36.6	9.2	0.0	0.0	0.0	0.0
57.5°	238.0	210.6	137.3	82.4	45.8	9.2	0.0	0.0	0.0	0.0	0.0
60°	201.4	174.0	109.9	64.1	18.3	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	164.8	146.5	82.4	36.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	137.3	109.9	64.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	119.0	91.6	45.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	91.6	64.1	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	64.1	45.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	45.8	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	27.5	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	9.2	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°	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9
2.5°	11646.1	11920.8	12177.2	12250.4	12451.8	13010.3	13010.3	13275.9	13752.0	13925.9	13962.5
5°	9824.1	10117.1	10172.1	10739.7	11005.2	11572.9	11948.3	12845.5	13385.7	13724.5	13935.1
7.5°	7471.1	7571.8	7782.4	8313.4	8835.3	9522.0	10236.1	11380.6	12332.8	12717.4	13431.5
10°	5136.4	5438.5	5896.3	6372.4	7187.3	7947.2	8871.9	9952.3	11124.3	11600.4	12213.8
12.5°	3460.9	3882.0	4614.5	5292.0	6042.8	6811.9	7690.8	9137.5	10465.0	11124.3	11737.7
15°	2023.4	2536.1	3167.9	4266.6	5264.6	6125.2	7004.2	8469.1	10080.5	10932.0	11682.8
17.5°	1025.4	1181.1	1703.0	2655.2	3973.6	5383.6	6692.9	8560.6	10373.5	11417.2	12039.8
20°	769.1	814.9	961.4	1410.0	2719.3	4449.7	6399.9	8698.0	11188.3	12461.0	12799.8
22.5°	668.4	705.0	769.1	915.6	1529.0	3405.9	5987.9	9036.7	12296.2	13495.6	14209.7
25°	567.7	604.3	659.2	750.8	979.7	2316.4	5484.3	9393.8	13285.0	14795.7	15464.1
27.5°	494.4	521.9	576.8	650.1	796.6	1474.1	4614.5	9869.9	14795.7	16370.5	16544.5
30°	421.2	448.6	494.4	576.8	677.5	1043.8	3387.6	9934.0	15628.9	17057.2	17542.4
32.5°	366.2	375.4	430.3	503.6	567.7	824.0	2380.5	9998.1	16242.3	17945.3	18046.0
35°	302.1	320.5	375.4	421.2	494.4	650.1	1803.7	9677.6	17038.9	18860.9	18833.4
37.5°	247.2	274.7	311.3	347.9	402.9	549.3	1437.5	9082.5	18036.9	20280.0	19419.4
40°	192.3	219.7	256.4	302.1	338.8	494.4	1080.4	8185.3	19080.6	20975.9	20060.3
42.5°	137.3	155.6	192.3	238.0	302.1	412.0	778.2	7123.2	19492.6	21790.7	20829.4
45°	100.7	119.0	146.5	201.4	311.3	329.6	540.2	6152.7	19932.1	22147.8	20655.4
47.5°	54.9	73.2	109.9	174.0	274.7	247.2	384.5	5282.9	20435.7	22468.2	20792.7
50°	18.3	27.5	64.1	183.1	219.7	192.3	302.1	4815.9	20930.1	22532.3	21067.4
52.5°	0.0	0.0	36.6	192.3	164.8	146.5	265.5	4632.8	20801.9	22733.8	20893.5
55°	0.0	0.0	9.2	82.4	91.6	109.9	219.7	4623.7	21708.3	22797.9	21845.7
57.5°	0.0	0.0	0.0	27.5	54.9	91.6	192.3	4330.7	22285.1	24391.0	23127.5
60°	0.0	0.0	0.0	9.2	36.6	64.1	146.5	4074.3	22871.1	25105.1	24500.8
62.5°	0.0	0.0	0.0	0.0	9.2	27.5	100.7	3680.6	21690.0	25050.2	25828.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	64.1	2911.5	19510.9	23740.9	25096.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	36.6	2014.3	17084.7	22092.9	23750.1
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1217.7	13788.6	19373.6	20142.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	521.9	9842.4	15381.7	16526.2
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210.6	6088.6	11243.3	12653.3
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82.4	3946.1	8514.9	9604.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	2105.8	5337.8	6207.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	915.6	3241.1	3735.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	293.0	1968.5	2243.2
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	302.1	402.9
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: P599166  
 CATALOG NUMBER: IFLD-L-SA8D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9	12982.9
2.5°	13980.9	14246.4	14347.1	14191.4	14209.7	13889.3	13843.5	13394.9	13211.8	13248.4
5°	14621.8	15006.3	15216.9	15042.9	14649.2	14035.8	13477.3	12946.3	12616.6	12451.8
7.5°	14475.3	14905.6	15171.1	15335.9	14887.3	13898.5	13047.0	12049.0	11627.8	11637.0
10°	13669.6	14566.8	15107.0	14896.4	14685.8	13697.0	12378.6	11298.2	10922.8	10959.5
12.5°	13019.5	14017.5	14337.9	14502.7	14072.4	13285.0	12396.9	11160.9	10739.7	10483.4
15°	12616.6	13358.3	13376.6	13632.9	13459.0	13459.0	12589.2	11380.6	11014.4	10730.6
17.5°	12616.6	12781.4	12763.1	12854.7	13147.7	13495.6	13074.4	12268.7	11545.4	11499.6
20°	12900.5	12387.7	12268.7	12305.3	12552.6	13587.2	14145.7	13138.5	12680.7	12534.2
22.5°	13559.7	12433.5	11710.2	11582.0	12342.0	13578.0	14832.3	14511.9	13715.3	13596.3
25°	14466.1	12351.1	11563.7	11398.9	11975.7	13907.6	15775.4	15839.5	15116.2	14869.0
27.5°	15326.8	12717.4	11545.4	11508.8	12268.7	13834.4	16425.4	16901.5	16086.7	15885.3
30°	15619.7	13083.6	11884.2	11398.9	12378.6	14099.9	16407.1	17652.3	17121.3	17167.1
32.5°	15967.7	13449.8	11920.8	11728.5	12845.5	14530.2	16929.0	18860.9	18476.3	17936.1
35°	16480.4	13944.2	12268.7	12094.8	13175.1	14914.7	17038.9	19749.0	19684.9	19053.1
37.5°	16919.9	14429.5	12992.0	13019.5	14182.3	15537.3	17524.1	20838.5	20728.7	20298.3
40°	17231.1	15107.0	14118.2	14191.4	15061.2	16233.2	18384.8	21387.9	22202.7	21571.0
42.5°	17276.9	15711.3	15409.2	15995.1	16810.0	17313.6	18732.7	21763.3	22935.2	22523.2
45°	17450.9	16672.6	17515.0	17945.3	18613.7	18265.8	18714.4	22404.2	22990.1	22779.5
47.5°	18128.4	18421.4	19483.5	20792.7	21030.8	19886.3	19153.9	22504.9	23301.4	23274.0
50°	18833.4	20298.3	21790.7	22660.5	22962.7	21003.3	19565.9	22422.5	23713.4	23493.7
52.5°	19620.8	21928.1	24079.7	25150.9	24986.1	22239.4	20032.8	23090.8	24473.4	24400.1
55°	20115.2	22660.5	25553.7	27046.1	26917.9	23621.9	21516.0	24052.2	25471.3	25288.2
57.5°	21424.5	23850.8	27018.7	27714.5	28053.3	25434.7	22550.6	25627.0	26304.5	26505.9
60°	22504.9	24629.0	27403.2	28410.3	28529.4	26515.1	24363.5	27247.6	27366.6	26689.1
62.5°	24088.8	24931.1	26588.3	27494.8	28108.2	27128.5	25993.2	28117.4	27348.3	27302.5
65°	25251.6	23942.3	25068.5	25572.1	25965.7	26194.6	27632.1	28712.5	27009.5	26121.4
67.5°	24601.5	22074.5	21864.0	21891.4	22010.5	23393.0	27082.8	27256.7	25123.4	24391.0
70°	21653.4	18110.1	17826.3	18046.0	17450.9	19117.2	24857.9	24775.5	22166.1	21406.2
72.5°	17515.0	13202.6	12717.4	13019.5	13156.8	14923.9	20911.8	18787.6	16169.1	15574.0
75°	13916.8	9677.6	8166.9	8899.4	9366.3	10867.9	16333.9	12763.1	11289.1	10483.4
77.5°	10932.0	7324.6	6354.1	6061.1	6491.4	7901.4	11884.2	6702.0	5914.6	5539.2
80°	6930.9	5383.6	5841.4	5420.2	5603.3	5640.0	6189.3	3048.9	2426.3	2398.8
82.5°	4175.0	3680.6	4376.5	2408.0	4385.6	3918.7	2572.8	1382.5	1226.9	1226.9
85°	2957.3	2279.8	1510.7	979.7	1950.2	2151.6	998.0	714.1	622.6	604.3
87.5°	1483.2	705.0	338.8	219.7	247.2	402.9	119.0	54.9	54.9	45.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)