

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: P599146

Luminaire Tested: **IFLD-S-SA3D-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: P599146  
 Test Lab: INNOVATION CENTER(G1)  
 Issue Date: 05/04/2022  
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
 Product Line: STREETWORKS  
 Catalog Number: IFLD-S-SA3D-727-U-SLR-HSS  
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield  
 Light Source: (48) 2700K CCT, 70 CRI LEDs  
 Ballast/Driver: ELECTRONIC DRIVER

**Summary**

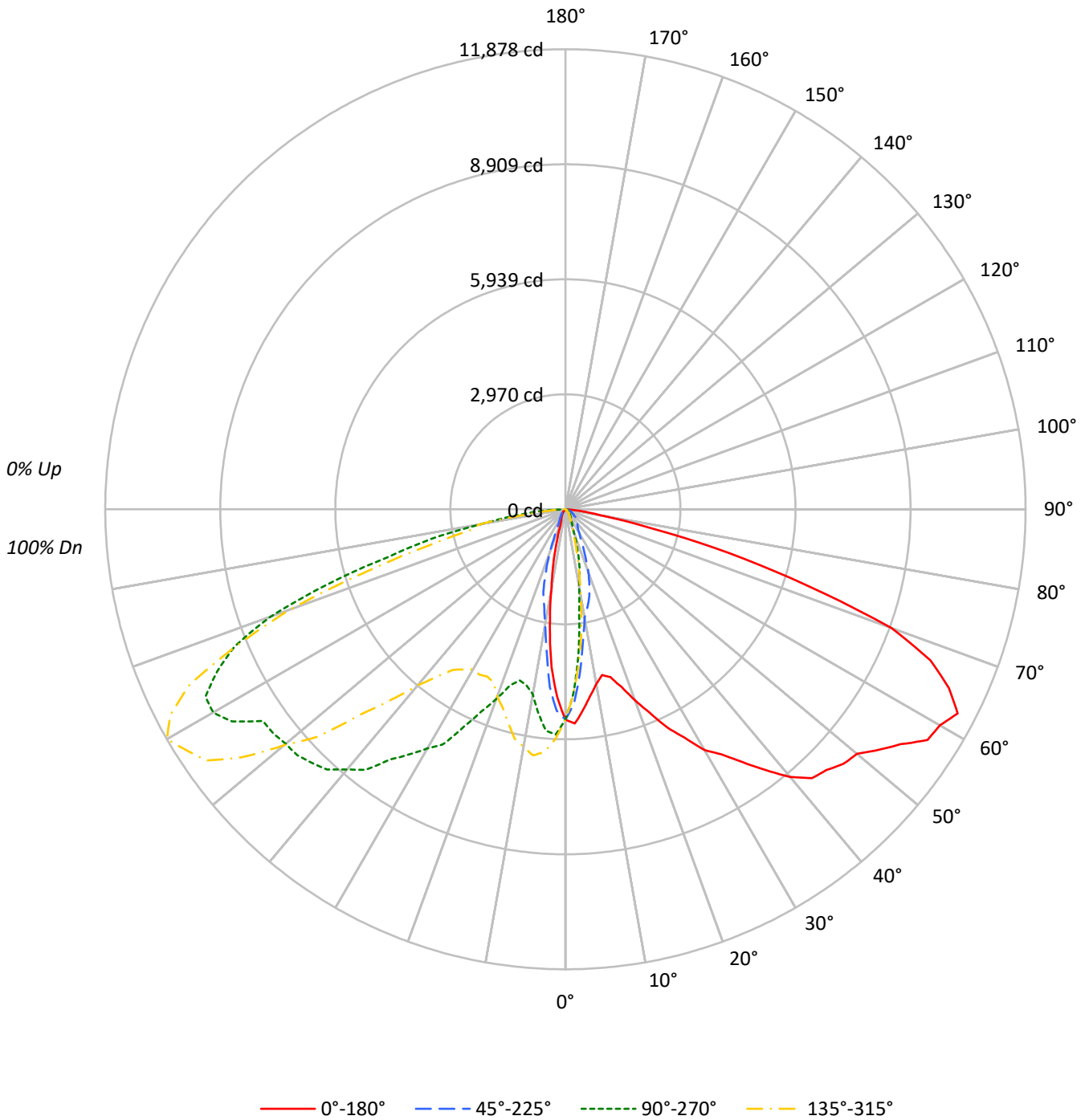
Lumens per Lamp: N/A  
 Luminaire Lumens: 14198.0 lumens  
 Efficiency: N/A  
 Efficacy: 77.1 lumens/watt  
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65  
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
 CIE Type: Direct

Input Watts (W): 184.1  
 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



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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°	77901	77901	77901	77901
5°	75000	54816	59007	82664
10°	66773	29845	30235	70679
15°	66657	19905	12172	67908
20°	80035	9938	4852	79568
25°	98440	6244	3758	97956
30°	118942	5011	2855	118181
35°	139564	4024	2213	138156
40°	168960	3442	1435	164299
45°	193299	3107	777	187939
50°	219308	2992	172	210332
55°	264542	2872	0	238490
60°	320282	2417	0	301275
65°	370864	1949	0	337068
70°	375540	1607	0	339880
75°	243038	1059	0	260655
80°	82889	314	0	184440
85°	41595	0	0	135523

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	411.2	2.9
10°-20°	796.2	5.6
20°-30°	1108.9	7.8
30°-40°	1575.6	11.1
40°-50°	2184.9	15.4
50°-60°	2977.0	21.0
60°-70°	3273.0	23.1
70°-80°	1608.7	11.3
80°-90°	262.7	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°	2316.2	16.3
0°-40°	3891.8	27.4
0°-60°	9053.7	63.8
0°-90°	14198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14198.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	5428	5428	5428	5428	5428	
5°	5206	3805	4096	5738	5206	476
15°	4486	1340	819	4570	4486	1328
25°	6216	394	237	6186	6216	2890
35°	7966	230	126	7885	7966	5056
45°	9524	153	38	9260	9524	7383
55°	10572	115	0	9531	10572	9511
65°	10921	57	0	9926	10921	10554
75°	4383	19	0	4701	4383	4778
85°	253	0	0	823	253	349
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°	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9
2.5°	5538.9	5604.0	5542.7	5328.4	5290.1	5186.7	5029.8	5018.3	4853.7	4872.8	4784.8
5°	5205.9	5270.9	5140.8	4857.5	4593.4	4382.9	4256.6	4030.7	3981.0	3870.0	3870.0
7.5°	4865.2	4861.4	4639.4	4402.0	4007.8	3621.1	3445.1	3119.7	2928.3	2825.0	2725.4
10°	4581.9	4520.7	4382.9	3892.9	3464.2	3062.3	2844.1	2629.7	2430.7	2258.4	2086.2
12.5°	4382.9	4421.2	4203.0	3670.9	3115.9	2836.4	2602.9	2377.1	2139.8	1944.5	1753.2
15°	4486.2	4425.0	4168.5	3621.1	3058.5	2675.7	2365.6	2090.0	1825.9	1569.4	1424.0
17.5°	4807.8	4650.8	4348.4	3621.1	2939.8	2430.7	2055.6	1730.2	1446.9	1217.3	1037.3
20°	5240.3	5060.4	4735.0	3755.1	2851.7	2250.8	1737.8	1328.3	1033.5	819.2	681.4
22.5°	5684.4	5542.7	5052.8	3808.7	2748.4	2009.6	1370.4	960.8	689.0	551.2	482.3
25°	6216.4	6017.4	5481.5	4023.1	2595.3	1776.1	1079.5	669.9	512.9	440.2	398.1
27.5°	6641.3	6606.9	5883.4	4153.2	2480.4	1584.7	853.6	532.1	424.9	371.3	344.5
30°	7177.2	6989.6	6373.4	4413.5	2350.3	1366.5	712.0	478.5	390.4	333.0	313.9
32.5°	7498.8	7410.7	6629.8	4559.0	2204.8	1186.6	612.5	421.1	356.0	313.9	294.7
35°	7965.8	7789.7	6997.3	4650.8	2128.3	1083.3	551.2	382.8	298.6	256.5	233.5
37.5°	8486.3	8421.3	7437.5	4647.0	2017.3	1022.0	509.1	356.0	283.3	237.3	210.5
40°	9018.4	8754.3	7705.5	4754.2	1959.9	976.1	478.5	340.7	267.9	225.8	191.4
42.5°	9416.5	9114.1	8015.5	4715.9	1891.0	895.7	467.0	317.7	256.5	206.7	176.1
45°	9523.7	9416.5	8294.9	4704.4	1841.2	830.6	447.9	313.9	248.8	195.2	164.6
47.5°	9730.4	9657.7	8639.5	4723.6	1802.9	780.9	401.9	321.5	237.3	183.7	156.9
50°	9822.3	9692.1	8918.9	4769.5	1714.9	719.6	359.8	336.9	233.5	179.9	149.3
52.5°	10201.2	10086.4	9301.7	4899.6	1642.1	639.3	317.7	321.5	241.2	168.4	141.6
55°	10572.5	10442.4	9891.2	5198.2	1538.8	574.2	271.8	283.3	229.7	153.1	126.3
57.5°	11081.6	10867.3	10285.4	5320.7	1446.9	486.1	241.2	233.5	214.4	137.8	111.0
60°	11158.2	11246.2	10228.0	5244.2	1351.2	428.7	210.5	179.9	229.7	122.5	95.7
62.5°	11414.6	11047.2	9960.1	5068.1	1282.3	394.3	187.6	149.3	199.0	107.2	80.4
65°	10920.8	10649.1	9332.3	4501.5	1194.3	398.1	164.6	122.5	126.3	88.0	65.1
67.5°	10197.4	9983.0	8291.1	3885.3	1106.2	390.4	145.5	107.2	95.7	76.6	57.4
70°	8949.5	8486.3	7043.2	3154.1	976.1	363.6	122.5	95.7	80.4	61.2	42.1
72.5°	6511.2	6323.6	5052.8	2438.3	876.6	329.2	114.8	80.4	68.9	45.9	34.5
75°	4382.9	4072.8	3188.6	1600.0	704.3	287.1	95.7	72.7	53.6	34.5	26.8
77.5°	2315.8	2189.5	1806.7	761.7	390.4	134.0	53.6	42.1	30.6	26.8	15.3
80°	1002.9	891.9	780.9	310.1	137.8	61.2	34.5	23.0	19.1	15.3	7.7
82.5°	512.9	490.0	405.8	134.0	80.4	45.9	19.1	15.3	11.5	7.7	3.8
85°	252.6	260.3	214.4	42.1	45.9	26.8	3.8	3.8	0.0	0.0	0.0
87.5°	19.1	19.1	15.3	7.7	11.5	3.8	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°	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9
2.5°	4750.4	4803.9	4712.1	4769.5	4742.7	4754.2	4765.7	4735.0	4742.7	4849.9	4853.7
5°	3804.9	3908.2	3870.0	3923.5	4015.4	3969.5	4011.6	4003.9	4011.6	4026.9	4095.8
7.5°	2713.9	2683.3	2756.1	2897.7	3062.3	3161.8	3112.0	3085.2	3069.9	3031.7	3077.6
10°	2047.9	2032.6	2013.4	2055.6	2162.7	2273.7	2335.0	2231.6	2174.2	2101.5	2074.7
12.5°	1699.6	1603.9	1550.3	1485.2	1515.8	1615.4	1619.2	1519.7	1427.8	1389.5	1431.6
15°	1339.7	1274.7	1179.0	1087.1	1041.2	1117.7	1052.7	957.0	838.3	823.0	819.2
17.5°	957.0	918.7	849.8	811.5	757.9	738.8	669.9	524.4	440.2	417.2	424.9
20°	650.7	620.1	616.3	581.8	558.9	543.6	432.5	336.9	310.1	313.9	317.7
22.5°	482.3	467.0	447.9	444.0	424.9	405.8	317.7	283.3	264.1	264.1	275.6
25°	394.3	386.6	367.5	359.8	352.2	325.4	267.9	241.2	233.5	225.8	237.3
27.5°	336.9	333.0	321.5	310.1	302.4	275.6	233.5	210.5	202.9	202.9	202.9
30°	302.4	302.4	287.1	264.1	264.1	233.5	199.0	183.7	176.1	176.1	172.3
32.5°	283.3	275.6	256.5	241.2	229.7	199.0	176.1	160.8	149.3	149.3	153.1
35°	229.7	229.7	225.8	214.4	199.0	168.4	149.3	134.0	126.3	122.5	126.3
37.5°	202.9	191.4	176.1	179.9	172.3	145.5	126.3	114.8	103.4	103.4	103.4
40°	183.7	172.3	156.9	145.5	141.6	130.1	111.0	91.9	80.4	76.6	76.6
42.5°	164.6	156.9	134.0	114.8	111.0	111.0	84.2	68.9	57.4	57.4	57.4
45°	153.1	141.6	122.5	99.5	80.4	84.2	68.9	49.8	42.1	38.3	38.3
47.5°	145.5	134.0	107.2	84.2	61.2	61.2	49.8	34.5	26.8	23.0	23.0
50°	134.0	122.5	95.7	68.9	45.9	38.3	30.6	19.1	11.5	7.7	7.7
52.5°	126.3	114.8	84.2	57.4	38.3	26.8	19.1	3.8	0.0	0.0	0.0
55°	114.8	99.5	72.7	45.9	30.6	15.3	3.8	0.0	0.0	0.0	0.0
57.5°	99.5	88.0	57.4	34.5	19.1	3.8	0.0	0.0	0.0	0.0	0.0
60°	84.2	72.7	45.9	26.8	7.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	68.9	61.2	34.5	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	57.4	45.9	26.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	49.8	38.3	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	38.3	26.8	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	26.8	19.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	19.1	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	11.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.8	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°	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9
2.5°	4869.0	4983.9	5091.0	5121.7	5205.9	5439.4	5439.4	5550.4	5749.4	5822.2	5837.5
5°	4107.3	4229.8	4252.7	4490.1	4601.1	4838.4	4995.3	5370.5	5596.3	5737.9	5826.0
7.5°	3123.5	3165.6	3253.7	3475.7	3693.9	3981.0	4279.5	4758.0	5156.1	5316.9	5615.5
10°	2147.4	2273.7	2465.1	2664.2	3004.9	3322.6	3709.2	4160.9	4650.8	4849.9	5106.3
12.5°	1446.9	1623.0	1929.2	2212.5	2526.4	2847.9	3215.4	3820.2	4375.2	4650.8	4907.3
15°	846.0	1060.3	1324.4	1783.8	2201.0	2560.8	2928.3	3540.8	4214.5	4570.4	4884.3
17.5°	428.7	493.8	712.0	1110.1	1661.3	2250.8	2798.2	3579.0	4337.0	4773.3	5033.6
20°	321.5	340.7	401.9	589.5	1136.9	1860.3	2675.7	3636.5	4677.6	5209.7	5351.3
22.5°	279.4	294.7	321.5	382.8	639.3	1424.0	2503.4	3778.1	5140.8	5642.2	5940.8
25°	237.3	252.6	275.6	313.9	409.6	968.4	2292.9	3927.4	5554.2	6185.8	6465.2
27.5°	206.7	218.2	241.2	271.8	333.0	616.3	1929.2	4126.4	6185.8	6844.2	6916.9
30°	176.1	187.6	206.7	241.2	283.3	436.4	1416.3	4153.2	6534.1	7131.3	7334.2
32.5°	153.1	156.9	179.9	210.5	237.3	344.5	995.2	4180.0	6790.6	7502.6	7544.7
35°	126.3	134.0	156.9	176.1	206.7	271.8	754.1	4046.0	7123.6	7885.4	7873.9
37.5°	103.4	114.8	130.1	145.5	168.4	229.7	601.0	3797.2	7540.9	8478.7	8118.9
40°	80.4	91.9	107.2	126.3	141.6	206.7	451.7	3422.1	7977.2	8769.6	8386.8
42.5°	57.4	65.1	80.4	99.5	126.3	172.3	325.4	2978.1	8149.5	9110.3	8708.4
45°	42.1	49.8	61.2	84.2	130.1	137.8	225.8	2572.3	8333.2	9259.6	8635.6
47.5°	23.0	30.6	45.9	72.7	114.8	103.4	160.8	2208.7	8543.8	9393.5	8693.0
50°	7.7	11.5	26.8	76.6	91.9	80.4	126.3	2013.4	8750.5	9420.3	8807.9
52.5°	0.0	0.0	15.3	80.4	68.9	61.2	111.0	1936.9	8696.9	9504.5	8735.1
55°	0.0	0.0	3.8	34.5	38.3	45.9	91.9	1933.1	9075.8	9531.3	9133.2
57.5°	0.0	0.0	0.0	11.5	23.0	38.3	80.4	1810.6	9317.0	10197.4	9669.1
60°	0.0	0.0	0.0	3.8	15.3	26.8	61.2	1703.4	9562.0	10496.0	10243.3
62.5°	0.0	0.0	0.0	0.0	3.8	11.5	42.1	1538.8	9068.2	10473.0	10798.4
65°	0.0	0.0	0.0	0.0	0.0	0.0	26.8	1217.3	8157.1	9925.6	10492.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	15.3	842.1	7142.8	9236.6	9929.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	509.1	5764.7	8099.7	8421.3
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	218.2	4114.9	6430.8	6909.3
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.0	2545.5	4700.6	5290.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.5	1649.8	3559.9	4015.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	880.4	2231.6	2595.3
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	382.8	1355.1	1561.8
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	122.5	823.0	937.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.3	168.4
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: P599146  
 CATALOG NUMBER: IFLD-S-SA3D-727-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9	5427.9
2.5°	5845.1	5956.1	5998.2	5933.2	5940.8	5806.8	5787.7	5600.1	5523.6	5538.9
5°	6113.1	6273.8	6361.9	6289.2	6124.6	5868.1	5634.6	5412.6	5274.8	5205.9
7.5°	6051.8	6231.7	6342.7	6411.6	6224.1	5810.7	5454.7	5037.4	4861.4	4865.2
10°	5715.0	6090.1	6315.9	6227.9	6139.9	5726.5	5175.2	4723.6	4566.6	4581.9
12.5°	5443.2	5860.4	5994.4	6063.3	5883.4	5554.2	5182.9	4666.1	4490.1	4382.9
15°	5274.8	5584.8	5592.5	5699.7	5626.9	5626.9	5263.3	4758.0	4604.9	4486.2
17.5°	5274.8	5343.7	5336.0	5374.3	5496.8	5642.2	5466.2	5129.3	4826.9	4807.8
20°	5393.4	5179.1	5129.3	5144.6	5248.0	5680.5	5914.0	5493.0	5301.6	5240.3
22.5°	5669.0	5198.2	4895.8	4842.2	5159.9	5676.7	6201.1	6067.1	5734.1	5684.4
25°	6048.0	5163.8	4834.6	4765.7	5006.8	5814.5	6595.4	6622.2	6319.8	6216.4
27.5°	6407.8	5316.9	4826.9	4811.6	5129.3	5783.9	6867.2	7066.2	6725.5	6641.3
30°	6530.3	5470.0	4968.5	4765.7	5175.2	5894.9	6859.5	7380.1	7158.1	7177.2
32.5°	6675.8	5623.1	4983.9	4903.5	5370.5	6074.8	7077.7	7885.4	7724.6	7498.8
35°	6890.1	5829.8	5129.3	5056.6	5508.3	6235.6	7123.6	8256.7	8229.9	7965.8
37.5°	7073.9	6032.7	5431.7	5443.2	5929.3	6495.9	7326.5	8712.2	8666.2	8486.3
40°	7204.0	6315.9	5902.5	5933.2	6296.8	6786.8	7686.3	8941.9	9282.5	9018.4
42.5°	7223.1	6568.6	6442.3	6687.2	7027.9	7238.5	7831.8	9098.8	9588.8	9416.5
45°	7295.9	6970.5	7322.7	7502.6	7782.0	7636.6	7824.1	9366.7	9611.7	9523.7
47.5°	7579.1	7701.6	8145.7	8693.0	8792.6	8314.1	8007.9	9408.8	9741.9	9730.4
50°	7873.9	8486.3	9110.3	9473.9	9600.2	8781.1	8180.1	9374.4	9914.1	9822.3
52.5°	8203.1	9167.7	10067.2	10515.1	10446.2	9297.8	8375.3	9653.8	10231.8	10201.2
55°	8409.8	9473.9	10683.5	11307.5	11253.9	9875.8	8995.4	10055.8	10649.1	10572.5
57.5°	8957.2	9971.5	11296.0	11586.9	11728.5	10633.8	9428.0	10714.1	10997.4	11081.6
60°	9408.8	10296.9	11456.7	11877.8	11927.6	11085.4	10185.9	11391.7	11441.4	11158.2
62.5°	10071.1	10423.2	11116.1	11495.0	11751.5	11341.9	10867.3	11755.3	11433.8	11414.6
65°	10557.2	10009.8	10480.6	10691.2	10855.8	10951.5	11552.4	12004.1	11292.2	10920.8
67.5°	10285.4	9228.9	9140.9	9152.4	9202.1	9780.2	11322.8	11395.5	10503.6	10197.4
70°	9052.9	7571.5	7452.8	7544.7	7295.9	7992.5	10392.6	10358.2	9267.2	8949.5
72.5°	7322.7	5519.8	5316.9	5443.2	5500.6	6239.4	8742.8	7854.7	6760.0	6511.2
75°	5818.3	4046.0	3414.4	3720.7	3915.9	4543.7	6828.9	5336.0	4719.7	4382.9
77.5°	4570.4	3062.3	2656.5	2534.0	2713.9	3303.4	4968.5	2802.0	2472.8	2315.8
80°	2897.7	2250.8	2442.2	2266.1	2342.6	2358.0	2587.6	1274.7	1014.4	1002.9
82.5°	1745.5	1538.8	1829.7	1006.7	1833.5	1638.3	1075.6	578.0	512.9	512.9
85°	1236.4	953.1	631.6	409.6	815.3	899.5	417.2	298.6	260.3	252.6
87.5°	620.1	294.7	141.6	91.9	103.4	168.4	49.8	23.0	23.0	19.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)