

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: P599231

Luminaire Tested: **IFLD-S-SA3B-740-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: P599231
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3B-740-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (48) 4000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

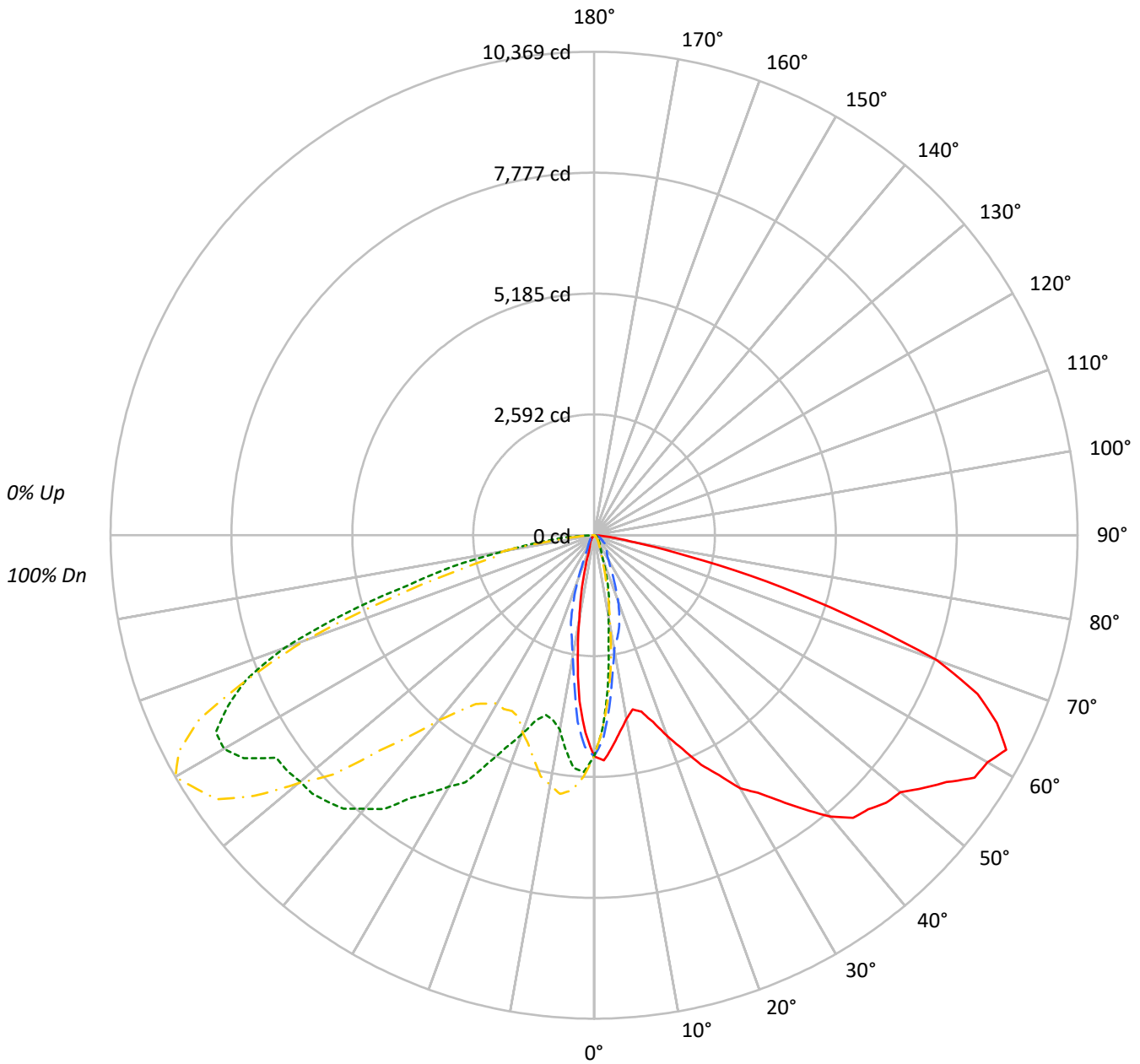
Lumens per Lamp: N/A
 Luminaire Lumens: 12394.6 lumens
 Efficiency: N/A
 Efficacy: 101.3 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 122.4
 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°	68005	68005	68005	68005
5°	65473	47853	51513	72165
10°	58292	26054	26395	61702
15°	58191	17378	10625	59283
20°	69869	8677	4237	69461
25°	85936	5451	3281	85514
30°	103834	4375	2492	103170
35°	121837	3513	1933	120607
40°	147499	3005	1252	143430
45°	168746	2714	678	164066
50°	191452	2612	150	183617
55°	230941	2507	0	208198
60°	279601	2110	0	263007
65°	323759	1701	0	294255
70°	327842	1402	0	296710
75°	212168	926	0	227545
80°	72359	273	0	161017
85°	36310	0	0	118315

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.9	2.9
10°-20°	695.0	5.6
20°-30°	968.0	7.8
30°-40°	1375.5	11.1
40°-50°	1907.4	15.4
50°-60°	2598.9	21.0
60°-70°	2857.3	23.1
70°-80°	1404.3	11.3
80°-90°	229.3	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°	2022.0	16.3
0°-40°	3397.5	27.4
0°-60°	7903.7	63.8
0°-90°	12394.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12394.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4738	4738	4738	4738	4738	
5°	4545	3322	3576	5009	4545	416
15°	3916	1170	715	3990	3916	1159
25°	5427	344	207	5400	5427	2523
35°	6954	200	110	6884	6954	4414
45°	8314	134	33	8083	8314	6445
55°	9230	100	0	8321	9230	8303
65°	9534	50	0	8665	9534	9213
75°	3826	17	0	4104	3826	4171
85°	220	0	0	718	220	305
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°	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4
2.5°	4835.4	4892.2	4838.7	4651.6	4618.1	4527.9	4390.9	4380.9	4237.2	4253.9	4177.1
5°	4544.6	4601.4	4487.8	4240.5	4010.0	3826.2	3715.9	3518.7	3475.3	3378.4	3378.4
7.5°	4247.2	4243.9	4050.1	3842.9	3498.7	3161.2	3007.5	2723.4	2556.4	2466.1	2379.2
10°	3999.9	3946.5	3826.2	3398.5	3024.2	2673.3	2482.8	2295.7	2121.9	1971.6	1821.2
12.5°	3826.2	3859.6	3669.1	3204.6	2720.1	2476.2	2272.3	2075.2	1868.0	1697.6	1530.5
15°	3916.4	3862.9	3639.0	3161.2	2670.0	2335.8	2065.1	1824.5	1594.0	1370.1	1243.1
17.5°	4197.1	4060.1	3796.1	3161.2	2566.4	2121.9	1794.5	1510.4	1263.1	1062.6	905.6
20°	4574.7	4417.7	4133.6	3278.2	2489.5	1964.9	1517.1	1159.5	902.2	715.1	594.8
22.5°	4962.3	4838.7	4411.0	3324.9	2399.3	1754.4	1196.3	838.8	601.5	481.2	421.0
25°	5426.8	5253.1	4785.2	3512.1	2265.6	1550.5	942.3	584.8	447.8	384.3	347.5
27.5°	5797.7	5767.7	5136.1	3625.7	2165.4	1383.4	745.2	464.5	370.9	324.1	300.7
30°	6265.6	6101.8	5563.8	3852.9	2051.8	1193.0	621.5	417.7	340.8	290.7	274.0
32.5°	6546.3	6469.4	5787.7	3979.9	1924.8	1035.9	534.7	367.6	310.8	274.0	257.3
35°	6954.0	6800.2	6108.5	4060.1	1858.0	945.7	481.2	334.2	260.6	223.9	203.8
37.5°	7408.4	7351.6	6492.8	4056.8	1761.0	892.2	444.4	310.8	247.3	207.2	183.8
40°	7872.9	7642.3	6726.7	4150.3	1710.9	852.1	417.7	297.4	233.9	197.2	167.1
42.5°	8220.4	7956.5	6997.4	4116.9	1650.8	781.9	407.7	277.4	223.9	180.4	153.7
45°	8314.0	8220.4	7241.3	4106.9	1607.3	725.1	391.0	274.0	217.2	170.4	143.7
47.5°	8494.5	8431.0	7542.1	4123.6	1573.9	681.7	350.9	280.7	207.2	160.4	137.0
50°	8574.7	8461.0	7786.0	4163.7	1497.1	628.2	314.1	294.1	203.8	157.1	130.3
52.5°	8905.5	8805.2	8120.2	4277.3	1433.6	558.1	277.4	280.7	210.5	147.0	123.6
55°	9229.6	9116.0	8634.8	4538.0	1343.3	501.2	237.3	247.3	200.5	133.7	110.3
57.5°	9674.1	9486.9	8979.0	4644.9	1263.1	424.4	210.5	203.8	187.1	120.3	96.9
60°	9740.9	9817.7	8928.9	4578.1	1179.6	374.3	183.8	157.1	200.5	106.9	83.5
62.5°	9964.8	9644.0	8695.0	4424.3	1119.5	344.2	163.7	130.3	173.8	93.6	70.2
65°	9533.7	9296.4	8146.9	3929.8	1042.6	347.5	143.7	106.9	110.3	76.9	56.8
67.5°	8902.1	8715.0	7238.0	3391.8	965.7	340.8	127.0	93.6	83.5	66.8	50.1
70°	7812.8	7408.4	6148.6	2753.5	852.1	317.5	106.9	83.5	70.2	53.5	36.8
72.5°	5684.1	5520.4	4411.0	2128.6	765.2	287.4	100.2	70.2	60.1	40.1	30.1
75°	3826.2	3555.5	2783.6	1396.8	614.9	250.6	83.5	63.5	46.8	30.1	23.4
77.5°	2021.7	1911.4	1577.3	665.0	340.8	117.0	46.8	36.8	26.7	23.4	13.4
80°	875.5	778.6	681.7	270.7	120.3	53.5	30.1	20.0	16.7	13.4	6.7
82.5°	447.8	427.7	354.2	117.0	70.2	40.1	16.7	13.4	10.0	6.7	3.3
85°	220.5	227.2	187.1	36.8	40.1	23.4	3.3	3.3	0.0	0.0	0.0
87.5°	16.7	16.7	13.4	6.7	10.0	3.3	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°	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4
2.5°	4147.0	4193.8	4113.6	4163.7	4140.3	4150.3	4160.3	4133.6	4140.3	4233.9	4237.2
5°	3321.6	3411.8	3378.4	3425.2	3505.4	3465.3	3502.0	3495.4	3502.0	3515.4	3575.6
7.5°	2369.2	2342.5	2406.0	2529.6	2673.3	2760.2	2716.8	2693.4	2680.0	2646.6	2686.7
10°	1787.8	1774.4	1757.7	1794.5	1888.0	1984.9	2038.4	1948.2	1898.1	1834.6	1811.2
12.5°	1483.7	1400.1	1353.4	1296.6	1323.3	1410.2	1413.5	1326.6	1246.4	1213.0	1249.8
15°	1169.6	1112.8	1029.2	949.0	908.9	975.8	919.0	835.4	731.8	718.5	715.1
17.5°	835.4	802.0	741.8	708.4	661.6	644.9	584.8	457.8	384.3	364.2	370.9
20°	568.1	541.3	538.0	507.9	487.9	474.5	377.6	294.1	270.7	274.0	277.4
22.5°	421.0	407.7	391.0	387.6	370.9	354.2	277.4	247.3	230.6	230.6	240.6
25°	344.2	337.5	320.8	314.1	307.4	284.0	233.9	210.5	203.8	197.2	207.2
27.5°	294.1	290.7	280.7	270.7	264.0	240.6	203.8	183.8	177.1	177.1	177.1
30°	264.0	264.0	250.6	230.6	230.6	203.8	173.8	160.4	153.7	153.7	150.4
32.5°	247.3	240.6	223.9	210.5	200.5	173.8	153.7	140.3	130.3	130.3	133.7
35°	200.5	200.5	197.2	187.1	173.8	147.0	130.3	117.0	110.3	106.9	110.3
37.5°	177.1	167.1	153.7	157.1	150.4	127.0	110.3	100.2	90.2	90.2	90.2
40°	160.4	150.4	137.0	127.0	123.6	113.6	96.9	80.2	70.2	66.8	66.8
42.5°	143.7	137.0	117.0	100.2	96.9	96.9	73.5	60.1	50.1	50.1	50.1
45°	133.7	123.6	106.9	86.9	70.2	73.5	60.1	43.4	36.8	33.4	33.4
47.5°	127.0	117.0	93.6	73.5	53.5	53.5	43.4	30.1	23.4	20.0	20.0
50°	117.0	106.9	83.5	60.1	40.1	33.4	26.7	16.7	10.0	6.7	6.7
52.5°	110.3	100.2	73.5	50.1	33.4	23.4	16.7	3.3	0.0	0.0	0.0
55°	100.2	86.9	63.5	40.1	26.7	13.4	3.3	0.0	0.0	0.0	0.0
57.5°	86.9	76.9	50.1	30.1	16.7	3.3	0.0	0.0	0.0	0.0	0.0
60°	73.5	63.5	40.1	23.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	60.1	53.5	30.1	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	50.1	40.1	23.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	43.4	33.4	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	33.4	23.4	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	23.4	16.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	16.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	10.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.3	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°	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4
2.5°	4250.6	4350.8	4444.4	4471.1	4544.6	4748.5	4748.5	4845.4	5019.1	5082.6	5096.0
5°	3585.6	3692.5	3712.6	3919.7	4016.7	4223.8	4360.8	4688.3	4885.5	5009.1	5086.0
7.5°	2726.8	2763.5	2840.4	3034.2	3224.7	3475.3	3736.0	4153.7	4501.2	4641.5	4902.2
10°	1874.7	1984.9	2152.0	2325.8	2623.2	2900.5	3238.1	3632.4	4060.1	4233.9	4457.8
12.5°	1263.1	1416.9	1684.2	1931.5	2205.5	2486.2	2807.0	3335.0	3819.5	4060.1	4284.0
15°	738.5	925.6	1156.2	1557.2	1921.4	2235.6	2556.4	3091.0	3679.1	3989.9	4263.9
17.5°	374.3	431.1	621.5	969.1	1450.3	1964.9	2442.7	3124.4	3786.1	4167.0	4394.3
20°	280.7	297.4	350.9	514.6	992.5	1624.0	2335.8	3174.6	4083.5	4548.0	4671.6
22.5°	243.9	257.3	280.7	334.2	558.1	1243.1	2185.4	3298.2	4487.8	4925.6	5186.2
25°	207.2	220.5	240.6	274.0	357.6	845.4	2001.6	3428.5	4848.7	5400.1	5644.0
27.5°	180.4	190.5	210.5	237.3	290.7	538.0	1684.2	3602.3	5400.1	5974.9	6038.3
30°	153.7	163.7	180.4	210.5	247.3	380.9	1236.4	3625.7	5704.2	6225.5	6402.6
32.5°	133.7	137.0	157.1	183.8	207.2	300.7	868.8	3649.1	5928.1	6549.6	6586.4
35°	110.3	117.0	137.0	153.7	180.4	237.3	658.3	3532.1	6218.8	6883.8	6873.8
37.5°	90.2	100.2	113.6	127.0	147.0	200.5	524.6	3314.9	6583.0	7401.7	7087.6
40°	70.2	80.2	93.6	110.3	123.6	180.4	394.3	2987.4	6964.0	7655.7	7321.5
42.5°	50.1	56.8	70.2	86.9	110.3	150.4	284.0	2599.8	7114.4	7953.1	7602.2
45°	36.8	43.4	53.5	73.5	113.6	120.3	197.2	2245.6	7274.8	8083.4	7538.7
47.5°	20.0	26.7	40.1	63.5	100.2	90.2	140.3	1928.1	7458.5	8200.4	7588.9
50°	6.7	10.0	23.4	66.8	80.2	70.2	110.3	1757.7	7639.0	8223.8	7689.1
52.5°	0.0	0.0	13.4	70.2	60.1	53.5	96.9	1690.9	7592.2	8297.3	7625.6
55°	0.0	0.0	3.3	30.1	33.4	40.1	80.2	1687.5	7923.0	8320.7	7973.2
57.5°	0.0	0.0	0.0	10.0	20.0	33.4	70.2	1580.6	8133.6	8902.1	8441.0
60°	0.0	0.0	0.0	3.3	13.4	23.4	53.5	1487.0	8347.4	9162.8	8942.2
62.5°	0.0	0.0	0.0	0.0	3.3	10.0	36.8	1343.3	7916.4	9142.7	9426.8
65°	0.0	0.0	0.0	0.0	0.0	0.0	23.4	1062.6	7121.0	8664.9	9159.4
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	13.4	735.2	6235.5	8063.4	8668.2
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	444.4	5032.5	7070.9	7351.6
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	190.5	3592.3	5614.0	6031.7
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76.9	2222.2	4103.5	4618.1
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.1	1440.2	3107.7	3505.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	768.6	1948.2	2265.6
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	334.2	1182.9	1363.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	106.9	718.5	818.7
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.3	147.0
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: P599231
 CATALOG NUMBER: IFLD-S-SA3B-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4	4738.4
2.5°	5102.7	5199.6	5236.4	5179.5	5186.2	5069.3	5052.6	4888.8	4822.0	4835.4
5°	5336.6	5477.0	5553.8	5490.3	5346.6	5122.7	4918.9	4725.1	4604.8	4544.6
7.5°	5283.1	5440.2	5537.1	5597.3	5433.5	5072.6	4761.8	4397.6	4243.9	4247.2
10°	4989.1	5316.6	5513.7	5436.9	5360.0	4999.1	4517.9	4123.6	3986.6	3999.9
12.5°	4751.8	5116.1	5233.0	5293.2	5136.1	4848.7	4524.6	4073.5	3919.7	3826.2
15°	4604.8	4875.5	4882.1	4975.7	4912.2	4912.2	4594.8	4153.7	4020.0	3916.4
17.5°	4604.8	4664.9	4658.2	4691.7	4798.6	4925.6	4771.9	4477.8	4213.8	4197.1
20°	4708.4	4521.2	4477.8	4491.2	4581.4	4959.0	5162.8	4795.3	4628.2	4574.7
22.5°	4949.0	4538.0	4274.0	4227.2	4504.5	4955.7	5413.5	5296.5	5005.8	4962.3
25°	5279.8	4507.9	4220.5	4160.3	4370.9	5076.0	5757.7	5781.0	5517.1	5426.8
27.5°	5593.9	4641.5	4213.8	4200.4	4477.8	5049.2	5994.9	6168.7	5871.3	5797.7
30°	5700.8	4775.2	4337.5	4160.3	4517.9	5146.1	5988.2	6442.7	6248.9	6265.6
32.5°	5827.8	4908.9	4350.8	4280.6	4688.3	5303.2	6178.7	6883.8	6743.4	6546.3
35°	6015.0	5089.3	4477.8	4414.3	4808.6	5443.5	6218.8	7207.9	7184.5	6954.0
37.5°	6175.4	5266.4	4741.8	4751.8	5176.2	5670.8	6395.9	7605.6	7565.5	7408.4
40°	6289.0	5513.7	5152.8	5179.5	5497.0	5924.7	6710.0	7806.1	8103.5	7872.9
42.5°	6305.7	5734.3	5624.0	5837.8	6135.3	6319.0	6837.0	7943.1	8370.8	8220.4
45°	6369.2	6085.1	6392.6	6549.6	6793.6	6666.6	6830.3	8177.0	8390.9	8314.0
47.5°	6616.5	6723.4	7111.0	7588.9	7675.8	7258.0	6990.7	8213.8	8504.5	8494.5
50°	6873.8	7408.4	7953.1	8270.6	8380.8	7665.7	7141.1	8183.7	8654.9	8574.7
52.5°	7161.1	8003.2	8788.5	9179.5	9119.3	8116.8	7311.5	8427.6	8932.2	8905.5
55°	7341.6	8270.6	9326.5	9871.2	9824.4	8621.4	7852.9	8778.5	9296.4	9229.6
57.5°	7819.4	8705.0	9861.2	10115.2	10238.8	9283.1	8230.5	9353.3	9600.5	9674.1
60°	8213.8	8989.0	10001.5	10369.1	10412.6	9677.4	8892.1	9944.7	9988.2	9740.9
62.5°	8791.9	9099.3	9704.1	10035.0	10258.8	9901.3	9486.9	10262.2	9981.5	9964.8
65°	9216.2	8738.4	9149.4	9333.2	9476.9	9560.4	10085.1	10479.4	9857.8	9533.7
67.5°	8979.0	8056.7	7979.8	7989.9	8033.3	8537.9	9884.6	9948.1	9169.5	8902.1
70°	7903.0	6609.8	6506.2	6586.4	6369.2	6977.3	9072.6	9042.5	8090.1	7812.8
72.5°	6392.6	4818.6	4641.5	4751.8	4801.9	5446.9	7632.3	6857.1	5901.3	5684.1
75°	5079.3	3532.1	2980.7	3248.1	3418.5	3966.5	5961.5	4658.2	4120.2	3826.2
77.5°	3989.9	2673.3	2319.1	2212.2	2369.2	2883.8	4337.5	2446.1	2158.7	2021.7
80°	2529.6	1964.9	2132.0	1978.3	2045.1	2058.5	2259.0	1112.8	885.5	875.5
82.5°	1523.8	1343.3	1597.3	878.9	1600.6	1430.2	939.0	504.6	447.8	447.8
85°	1079.4	832.1	551.4	357.6	711.8	785.3	364.2	260.6	227.2	220.5
87.5°	541.3	257.3	123.6	80.2	90.2	147.0	43.4	20.0	20.0	16.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)