

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: P599285

Luminaire Tested: **IFLD-S-SA2C-760-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: P599285
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2C-760-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (32) 5700K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

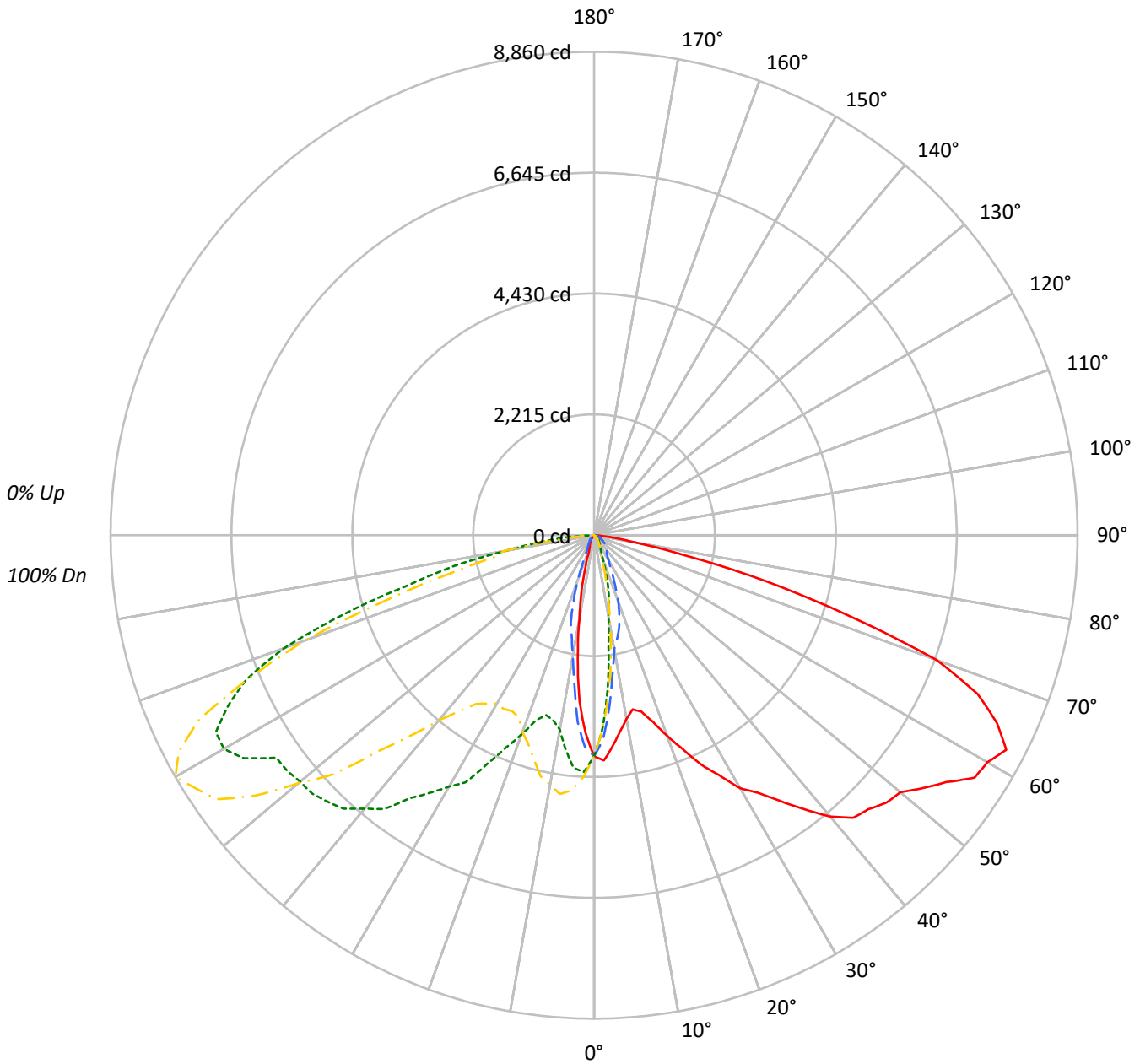
Lumens per Lamp: N/A
 Luminaire Lumens: 10590.4 lumens
 Efficiency: N/A
 Efficacy: 97.9 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 108.2
 Input Voltage (V): 120
 Input Current (A_{in}): 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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79			79	
2	95	85	77	70	92	83	75	69	79	73	67	76	71	66	73	68	64	62			62	
3	85	72	63	55	82	71	62	54	67	60	53	65	58	52	62	56	51	49			49	
4	76	62	52	44	74	61	51	44	58	50	43	56	49	43	53	47	42	40			40	
5	69	55	44	37	67	53	44	36	51	43	36	49	41	35	47	40	35	33			33	
6	63	48	38	31	61	47	38	31	45	37	30	44	36	30	42	35	30	27			27	
7	58	43	33	27	56	42	33	26	41	32	26	39	32	26	38	31	26	24			24	
8	54	39	30	23	52	38	29	23	37	29	23	36	28	23	34	28	23	20			20	
9	50	36	27	21	49	35	26	21	34	26	20	33	25	20	32	25	20	18			18	
10	47	33	24	18	46	32	24	18	31	24	18	30	23	18	29	23	18	16			16	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	87160	87160	87160	87160
5°	83914	61332	66021	92491
10°	74711	33391	33828	79078
15°	74580	22272	13618	75979
20°	89548	11120	5430	89024
25°	110142	6986	4204	109598
30°	133078	5608	3194	132226
35°	156152	4502	2476	154575
40°	189043	3850	1605	183827
45°	216272	3477	871	210274
50°	245374	3346	191	235334
55°	295986	3217	0	266838
60°	358348	2704	0	337083
65°	414946	2180	0	377128
70°	420177	1800	0	380277
75°	271923	1189	0	291636
80°	92745	360	0	206367
85°	46536	0	0	151636

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	306.7	2.9
10°-20°	593.9	5.6
20°-30°	827.1	7.8
30°-40°	1175.2	11.1
40°-50°	1629.7	15.4
50°-60°	2220.6	21.0
60°-70°	2441.3	23.1
70°-80°	1199.9	11.3
80°-90°	195.9	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°	1727.7	16.3
0°-40°	2902.9	27.4
0°-60°	6753.2	63.8
0°-90°	10590.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10590.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4049	4049	4049	4049	4049	
5°	3883	2838	3055	4280	3883	355
15°	3346	999	611	3409	3346	990
25°	4637	294	177	4614	4637	2156
35°	5942	171	94	5882	5942	3772
45°	7104	114	29	6907	7104	5507
55°	7886	86	0	7110	7886	7094
65°	8146	43	0	7404	8146	7872
75°	3269	14	0	3506	3269	3564
85°	188	0	0	614	188	261
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°	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7
2.5°	4131.5	4180.0	4134.3	3974.4	3945.9	3868.8	3751.7	3743.2	3620.4	3634.7	3569.0
5°	3883.1	3931.6	3834.5	3623.3	3426.2	3269.2	3175.0	3006.5	2969.4	2886.6	2886.6
7.5°	3629.0	3626.1	3460.5	3283.5	2989.4	2701.0	2569.7	2327.0	2184.2	2107.1	2032.9
10°	3417.7	3372.0	3269.2	2903.7	2584.0	2284.2	2121.4	1961.5	1813.1	1684.6	1556.1
12.5°	3269.2	3297.8	3135.0	2738.1	2324.1	2115.7	1941.5	1773.1	1596.1	1450.4	1307.7
15°	3346.3	3300.6	3109.3	2701.0	2281.3	1995.8	1764.5	1558.9	1361.9	1170.6	1062.1
17.5°	3586.1	3469.1	3243.5	2701.0	2192.8	1813.1	1533.2	1290.6	1079.3	908.0	773.8
20°	3908.8	3774.6	3531.9	2801.0	2127.1	1678.9	1296.3	990.8	770.9	611.0	508.2
22.5°	4240.0	4134.3	3768.9	2840.9	2050.0	1499.0	1022.2	716.7	513.9	411.1	359.8
25°	4636.9	4488.4	4088.7	3000.8	1935.8	1324.8	805.2	499.7	382.6	328.3	296.9
27.5°	4953.8	4928.1	4388.4	3097.9	1850.2	1182.1	636.7	396.9	316.9	277.0	257.0
30°	5353.5	5213.6	4753.9	3292.1	1753.1	1019.3	531.1	356.9	291.2	248.4	234.1
32.5°	5593.3	5527.7	4945.2	3400.5	1644.6	885.1	456.8	314.1	265.5	234.1	219.9
35°	5941.7	5810.3	5219.3	3469.1	1587.5	808.0	411.1	285.5	222.7	191.3	174.2
37.5°	6330.0	6281.4	5547.7	3466.2	1504.7	762.3	379.7	265.5	211.3	177.0	157.0
40°	6726.9	6529.9	5747.5	3546.2	1461.9	728.1	356.9	254.1	199.9	168.5	142.8
42.5°	7023.8	6798.2	5978.8	3517.6	1410.5	668.1	348.3	237.0	191.3	154.2	131.3
45°	7103.7	7023.8	6187.2	3509.0	1373.4	619.6	334.1	234.1	185.6	145.6	122.8
47.5°	7257.9	7203.7	6444.2	3523.3	1344.8	582.5	299.8	239.8	177.0	137.0	117.1
50°	7326.5	7229.4	6652.6	3557.6	1279.1	536.8	268.4	251.3	174.2	134.2	111.4
52.5°	7609.1	7523.5	6938.1	3654.7	1224.9	476.8	237.0	239.8	179.9	125.6	105.6
55°	7886.1	7789.0	7377.8	3877.4	1147.8	428.3	202.7	211.3	171.3	114.2	94.2
57.5°	8265.8	8105.9	7671.9	3968.7	1079.3	362.6	179.9	174.2	159.9	102.8	82.8
60°	8322.9	8388.6	7629.1	3911.6	1007.9	319.8	157.0	134.2	171.3	91.4	71.4
62.5°	8514.2	8240.1	7429.2	3780.3	956.5	294.1	139.9	111.4	148.5	79.9	60.0
65°	8145.9	7943.2	6961.0	3357.7	890.8	296.9	122.8	91.4	94.2	65.7	48.5
67.5°	7606.3	7446.4	6184.4	2898.0	825.2	291.2	108.5	79.9	71.4	57.1	42.8
70°	6675.5	6330.0	5253.6	2352.7	728.1	271.2	91.4	71.4	60.0	45.7	31.4
72.5°	4856.7	4716.8	3768.9	1818.8	653.8	245.5	85.7	60.0	51.4	34.3	25.7
75°	3269.2	3037.9	2378.4	1193.5	525.4	214.1	71.4	54.2	40.0	25.7	20.0
77.5°	1727.4	1633.2	1347.7	568.2	291.2	99.9	40.0	31.4	22.8	20.0	11.4
80°	748.1	665.3	582.5	231.3	102.8	45.7	25.7	17.1	14.3	11.4	5.7
82.5°	382.6	365.5	302.7	99.9	60.0	34.3	14.3	11.4	8.6	5.7	2.9
85°	188.4	194.2	159.9	31.4	34.3	20.0	2.9	2.9	0.0	0.0	0.0
87.5°	14.3	14.3	11.4	5.7	8.6	2.9	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°	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7
2.5°	3543.3	3583.3	3514.8	3557.6	3537.6	3546.2	3554.7	3531.9	3537.6	3617.5	3620.4
5°	2838.1	2915.2	2886.6	2926.6	2995.1	2960.8	2992.3	2986.5	2992.3	3003.7	3055.1
7.5°	2024.3	2001.5	2055.7	2161.4	2284.2	2358.4	2321.3	2301.3	2289.9	2261.3	2295.6
10°	1527.5	1516.1	1501.8	1533.2	1613.2	1696.0	1741.7	1664.6	1621.8	1567.5	1547.5
12.5°	1267.7	1196.3	1156.4	1107.8	1130.7	1204.9	1207.8	1133.5	1065.0	1036.4	1067.8
15°	999.3	950.8	879.4	810.9	776.6	833.7	785.2	713.8	625.3	613.9	611.0
17.5°	713.8	685.2	633.9	605.3	565.3	551.1	499.7	391.2	328.3	311.2	316.9
20°	485.4	462.5	459.7	434.0	416.9	405.4	322.6	251.3	231.3	234.1	237.0
22.5°	359.8	348.3	334.1	331.2	316.9	302.7	237.0	211.3	197.0	197.0	205.6
25°	294.1	288.4	274.1	268.4	262.7	242.7	199.9	179.9	174.2	168.5	177.0
27.5°	251.3	248.4	239.8	231.3	225.6	205.6	174.2	157.0	151.3	151.3	151.3
30°	225.6	225.6	214.1	197.0	197.0	174.2	148.5	137.0	131.3	131.3	128.5
32.5°	211.3	205.6	191.3	179.9	171.3	148.5	131.3	119.9	111.4	111.4	114.2
35°	171.3	171.3	168.5	159.9	148.5	125.6	111.4	99.9	94.2	91.4	94.2
37.5°	151.3	142.8	131.3	134.2	128.5	108.5	94.2	85.7	77.1	77.1	77.1
40°	137.0	128.5	117.1	108.5	105.6	97.1	82.8	68.5	60.0	57.1	57.1
42.5°	122.8	117.1	99.9	85.7	82.8	82.8	62.8	51.4	42.8	42.8	42.8
45°	114.2	105.6	91.4	74.2	60.0	62.8	51.4	37.1	31.4	28.6	28.6
47.5°	108.5	99.9	79.9	62.8	45.7	45.7	37.1	25.7	20.0	17.1	17.1
50°	99.9	91.4	71.4	51.4	34.3	28.6	22.8	14.3	8.6	5.7	5.7
52.5°	94.2	85.7	62.8	42.8	28.6	20.0	14.3	2.9	0.0	0.0	0.0
55°	85.7	74.2	54.2	34.3	22.8	11.4	2.9	0.0	0.0	0.0	0.0
57.5°	74.2	65.7	42.8	25.7	14.3	2.9	0.0	0.0	0.0	0.0	0.0
60°	62.8	54.2	34.3	20.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	51.4	45.7	25.7	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	42.8	34.3	20.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	37.1	28.6	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	28.6	20.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	20.0	14.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	14.3	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	8.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	2.9	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°	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7
2.5°	3631.8	3717.5	3797.4	3820.3	3883.1	4057.2	4057.2	4140.0	4288.5	4342.8	4354.2
5°	3063.6	3155.0	3172.1	3349.2	3432.0	3609.0	3726.0	4005.9	4174.3	4280.0	4345.6
7.5°	2329.8	2361.3	2426.9	2592.5	2755.3	2969.4	3192.1	3549.0	3846.0	3965.9	4188.6
10°	1601.8	1696.0	1838.8	1987.2	2241.3	2478.3	2766.7	3103.6	3469.1	3617.5	3808.8
12.5°	1079.3	1210.6	1439.0	1650.3	1884.4	2124.3	2398.4	2849.5	3263.5	3469.1	3660.4
15°	631.0	790.9	987.9	1330.5	1641.7	1910.1	2184.2	2641.1	3143.6	3409.1	3643.2
17.5°	319.8	368.3	531.1	828.0	1239.2	1678.9	2087.2	2669.6	3234.9	3560.4	3754.6
20°	239.8	254.1	299.8	439.7	848.0	1387.6	1995.8	2712.4	3489.1	3885.9	3991.6
22.5°	208.4	219.9	239.8	285.5	476.8	1062.1	1867.3	2818.1	3834.5	4208.6	4431.3
25°	177.0	188.4	205.6	234.1	305.5	722.4	1710.3	2929.4	4142.9	4614.0	4822.4
27.5°	154.2	162.7	179.9	202.7	248.4	459.7	1439.0	3077.9	4614.0	5105.1	5159.4
30°	131.3	139.9	154.2	179.9	211.3	325.5	1056.4	3097.9	4873.8	5319.2	5470.6
32.5°	114.2	117.1	134.2	157.0	177.0	257.0	742.4	3117.9	5065.1	5596.2	5627.6
35°	94.2	99.9	117.1	131.3	154.2	202.7	562.5	3018.0	5313.5	5881.7	5873.2
37.5°	77.1	85.7	97.1	108.5	125.6	171.3	448.3	2832.4	5624.8	6324.3	6055.9
40°	60.0	68.5	79.9	94.2	105.6	154.2	336.9	2552.6	5950.2	6541.3	6255.8
42.5°	42.8	48.5	60.0	74.2	94.2	128.5	242.7	2221.3	6078.7	6795.4	6495.6
45°	31.4	37.1	45.7	62.8	97.1	102.8	168.5	1918.7	6215.8	6906.7	6441.3
47.5°	17.1	22.8	34.3	54.2	85.7	77.1	119.9	1647.5	6372.8	7006.7	6484.2
50°	5.7	8.6	20.0	57.1	68.5	60.0	94.2	1501.8	6527.0	7026.7	6569.8
52.5°	0.0	0.0	11.4	60.0	51.4	45.7	82.8	1444.7	6487.0	7089.5	6515.6
55°	0.0	0.0	2.9	25.7	28.6	34.3	68.5	1441.9	6769.7	7109.5	6812.5
57.5°	0.0	0.0	0.0	8.6	17.1	28.6	60.0	1350.5	6949.6	7606.3	7212.2
60°	0.0	0.0	0.0	2.9	11.4	20.0	45.7	1270.6	7132.3	7829.0	7640.5
62.5°	0.0	0.0	0.0	0.0	2.9	8.6	31.4	1147.8	6764.0	7811.8	8054.5
65°	0.0	0.0	0.0	0.0	0.0	0.0	20.0	908.0	6084.4	7403.5	7826.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	11.4	628.1	5327.8	6889.6	7406.4
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	379.7	4299.9	6041.6	6281.4
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162.7	3069.3	4796.7	5153.6
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	65.7	1898.7	3506.2	3945.9
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	1230.6	2655.3	2995.1
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	656.7	1664.6	1935.8
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	285.5	1010.7	1164.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91.4	613.9	699.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	94.2	125.6
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: P599285
 CATALOG NUMBER: IFLD-S-SA2C-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7	4048.7
2.5°	4359.9	4442.7	4474.1	4425.6	4431.3	4331.3	4317.1	4177.2	4120.1	4131.5
5°	4559.8	4679.7	4745.3	4691.1	4568.3	4377.0	4202.9	4037.3	3934.5	3883.1
7.5°	4514.1	4648.3	4731.1	4782.5	4642.6	4334.2	4068.7	3757.4	3626.1	3629.0
10°	4262.8	4542.6	4711.1	4645.4	4579.7	4271.4	3860.2	3523.3	3406.3	3417.7
12.5°	4060.1	4371.3	4471.2	4522.6	4388.4	4142.9	3865.9	3480.5	3349.2	3269.2
15°	3934.5	4165.7	4171.5	4251.4	4197.1	4197.1	3925.9	3549.0	3434.8	3346.3
17.5°	3934.5	3985.9	3980.2	4008.7	4100.1	4208.6	4077.2	3826.0	3600.4	3586.1
20°	4023.0	3863.1	3826.0	3837.4	3914.5	4237.1	4411.3	4097.2	3954.5	3908.8
22.5°	4228.6	3877.4	3651.8	3611.8	3848.8	4234.3	4625.4	4525.5	4277.1	4240.0
25°	4511.2	3851.7	3606.1	3554.7	3734.6	4337.1	4919.5	4939.5	4713.9	4636.9
27.5°	4779.6	3965.9	3600.4	3589.0	3826.0	4314.2	5122.2	5270.7	5016.6	4953.8
30°	4871.0	4080.1	3706.1	3554.7	3860.2	4397.0	5116.5	5504.8	5339.2	5353.5
32.5°	4979.5	4194.3	3717.5	3657.5	4005.9	4531.2	5279.3	5881.7	5761.8	5593.3
35°	5139.4	4348.5	3826.0	3771.7	4108.6	4651.1	5313.5	6158.7	6138.7	5941.7
37.5°	5276.4	4499.8	4051.5	4060.1	4422.7	4845.3	5464.9	6498.4	6464.2	6330.0
40°	5373.5	4711.1	4402.7	4425.6	4696.8	5062.3	5733.2	6669.8	6923.9	6726.9
42.5°	5387.8	4899.5	4805.3	4988.0	5242.2	5399.2	5841.7	6786.8	7152.3	7023.8
45°	5442.0	5199.3	5462.0	5596.2	5804.6	5696.1	5836.0	6986.7	7169.4	7103.7
47.5°	5653.3	5744.7	6075.9	6484.2	6558.4	6201.5	5973.1	7018.1	7266.5	7257.9
50°	5873.2	6330.0	6795.4	7066.6	7160.9	6549.8	6101.6	6992.4	7395.0	7326.5
52.5°	6118.7	6838.2	7509.2	7843.2	7791.9	6935.3	6247.2	7200.8	7632.0	7609.1
55°	6272.9	7066.6	7968.9	8434.3	8394.3	7366.4	6709.7	7500.6	7943.2	7886.1
57.5°	6681.2	7437.8	8425.7	8642.7	8748.3	7931.8	7032.4	7991.7	8203.0	8265.8
60°	7018.1	7680.5	8545.6	8859.7	8896.8	8268.7	7597.7	8497.1	8534.2	8322.9
62.5°	7512.0	7774.7	8291.5	8574.2	8765.5	8460.0	8105.9	8768.3	8528.5	8514.2
65°	7874.7	7466.4	7817.5	7974.6	8097.4	8168.7	8617.0	8953.9	8422.9	8145.9
67.5°	7671.9	6883.9	6818.2	6826.8	6863.9	7295.0	8445.7	8499.9	7834.7	7606.3
70°	6752.6	5647.6	5559.1	5627.6	5442.0	5961.7	7751.9	7726.2	6912.4	6675.5
72.5°	5462.0	4117.2	3965.9	4060.1	4102.9	4654.0	6521.3	5858.9	5042.3	4856.7
75°	4339.9	3018.0	2546.8	2775.3	2920.9	3389.1	5093.7	3980.2	3520.5	3269.2
77.5°	3409.1	2284.2	1981.5	1890.1	2024.3	2464.0	3706.1	2090.0	1844.5	1727.4
80°	2161.4	1678.9	1821.6	1690.3	1747.4	1758.8	1930.1	950.8	756.6	748.1
82.5°	1302.0	1147.8	1364.8	750.9	1367.6	1222.0	802.3	431.1	382.6	382.6
85°	922.2	710.9	471.1	305.5	608.2	671.0	311.2	222.7	194.2	188.4
87.5°	462.5	219.9	105.6	68.5	77.1	125.6	37.1	17.1	17.1	14.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)