

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: P598649

Luminaire Tested: **IFLD-S-SA2E-730-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598649
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA2E-730-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (32) 3000K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

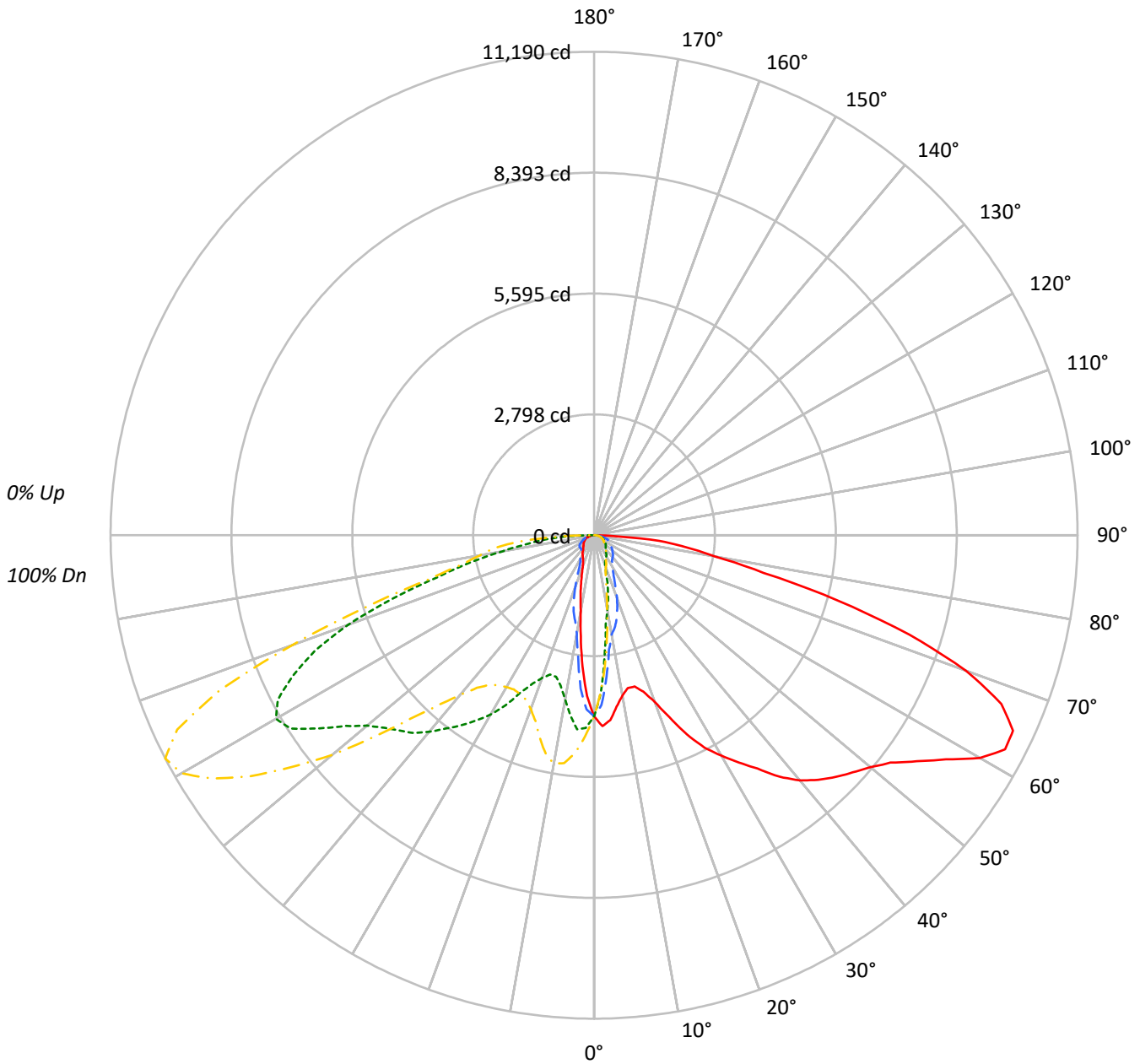
Lumens per Lamp: N/A
 Luminaire Lumens: 14018.6 lumens
 Efficiency: N/A
 Efficacy: 89.7 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')
 CIE Type: Direct

Input Watts (W): 156.2
 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	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	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	77													
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	59													
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	46													
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	36													
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	30													
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	25													
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	21													
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	18													
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	16													
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	14													

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	90150	90150	90150	90150
5°	92776	60329	65906	97466
10°	82309	38334	38718	84233
15°	80782	27188	25751	75554
20°	93920	17198	17333	80483
25°	120786	14767	14349	95151
30°	146377	13995	13123	119113
35°	173250	12331	11868	141190
40°	208170	11702	10879	166800
45°	240877	11606	10534	194452
50°	279713	11786	10607	229623
55°	342301	12108	10787	292552
60°	443934	12120	11362	365904
65°	544937	12251	11650	391671
70°	576635	12922	12180	381347
75°	485397	13658	12194	311241
80°	352644	15993	12360	269036
85°	373767	23169	10152	279584

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	324.1	2.3
10°-20°	678.3	4.8
20°-30°	977.5	7.0
30°-40°	1407.1	10.0
40°-50°	1998.7	14.3
50°-60°	2873.6	20.5
60°-70°	3320.0	23.7
70°-80°	1879.8	13.4
80°-90°	559.5	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°	1979.8	14.1
0°-40°	3387.0	24.2
0°-60°	8259.3	58.9
0°-90°	14018.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14018.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4188	4188	4188	4188	4188	
5°	4293	2792	3050	4510	4293	390
15°	3625	1220	1155	3390	3625	1066
25°	5085	622	604	4006	5085	2360
35°	6592	469	452	5372	6592	4184
45°	7912	381	346	6387	7912	6126
55°	9120	323	287	7795	9120	8260
65°	10698	240	229	7689	10698	10258
75°	5836	164	147	3742	5836	6192
85°	1513	94	41	1132	1513	1507
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°	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6
2.5°	4422.2	4416.4	4381.2	4269.7	4152.4	4041.0	3935.4	3824.0	3765.3	3695.0	3665.6
5°	4293.2	4281.5	4181.8	3935.4	3718.4	3483.8	3284.4	3126.1	2997.0	2868.0	2821.1
7.5°	3999.9	3982.3	3865.0	3524.9	3208.2	2903.2	2662.7	2457.4	2287.4	2211.1	2123.1
10°	3765.3	3736.0	3583.5	3208.2	2797.6	2492.6	2334.3	2193.5	2046.9	1923.7	1794.7
12.5°	3618.7	3583.5	3425.2	2985.3	2586.5	2357.7	2193.5	2035.2	1853.3	1700.9	1560.1
15°	3624.6	3583.5	3390.0	2926.6	2533.7	2240.4	2011.7	1794.7	1583.6	1413.5	1255.1
17.5°	3794.7	3741.9	3536.6	3008.8	2492.6	2087.9	1783.0	1501.4	1261.0	1079.2	950.1
20°	4099.6	4064.5	3829.9	3131.9	2451.6	1923.7	1548.4	1208.2	956.0	815.2	762.5
22.5°	4557.1	4516.1	4263.9	3319.6	2439.8	1777.1	1296.2	950.1	768.3	709.7	680.3
25°	5085.0	5008.7	4774.1	3636.3	2463.3	1642.2	1090.9	785.9	686.2	645.2	627.6
27.5°	5542.4	5495.5	5231.6	3935.4	2475.0	1536.6	950.1	715.5	639.3	604.1	592.4
30°	5888.5	5870.9	5612.8	4263.9	2445.7	1407.6	862.2	686.2	639.3	604.1	568.9
32.5°	6234.5	6240.4	5964.7	4516.1	2404.7	1296.2	780.0	610.0	563.0	539.6	545.4
35°	6592.3	6621.6	6387.0	4762.4	2316.7	1255.1	721.4	568.9	527.9	492.7	475.1
37.5°	7043.9	7120.1	6891.4	5038.0	2228.7	1219.9	692.1	539.6	498.5	469.2	445.7
40°	7407.5	7548.3	7413.4	5296.1	2170.1	1178.9	668.6	510.3	480.9	445.7	428.1
42.5°	7677.3	7841.5	7794.6	5495.5	2170.1	1137.8	645.2	492.7	469.2	428.1	404.7
45°	7911.9	8082.0	8076.1	5700.8	2217.0	1114.4	615.8	492.7	457.5	416.4	393.0
47.5°	8123.0	8293.1	8351.8	5958.9	2293.2	1102.6	580.6	480.9	457.5	410.6	375.4
50°	8351.8	8539.5	8715.4	6369.4	2387.1	1073.3	557.2	463.3	463.3	404.7	363.6
52.5°	8645.0	8856.2	9178.7	6879.7	2480.9	1020.5	522.0	451.6	463.3	398.8	351.9
55°	9120.1	9296.0	9718.3	7489.6	2598.2	956.0	492.7	422.3	439.9	381.2	334.3
57.5°	9653.8	9806.3	10158.2	7958.8	2633.4	873.9	451.6	393.0	422.3	363.6	310.8
60°	10310.7	10386.9	10386.9	8093.7	2516.1	797.6	422.3	369.5	381.2	346.0	293.3
62.5°	10727.1	10727.1	10386.9	7847.4	2293.2	733.1	398.8	346.0	334.3	322.6	275.7
65°	10697.8	10650.9	10146.5	7131.9	2035.2	692.1	375.4	316.7	299.1	293.3	258.1
67.5°	10205.1	10123.0	9436.8	6123.1	1765.4	674.5	351.9	287.4	275.7	263.9	234.6
70°	9161.2	8950.0	8105.4	4926.6	1501.4	662.7	346.0	263.9	252.2	240.5	217.0
72.5°	7648.0	7378.2	6328.4	3788.8	1261.0	621.7	328.4	234.6	228.7	217.0	193.5
75°	5835.7	5337.2	4416.4	2897.3	979.5	539.6	281.5	205.3	205.3	199.4	176.0
77.5°	4023.4	3765.3	3079.1	2140.7	715.5	416.4	228.7	181.8	181.8	187.7	164.2
80°	2844.5	2604.1	2193.5	1536.6	451.6	281.5	176.0	152.5	170.1	181.8	152.5
82.5°	2175.9	2000.0	1630.5	1120.2	263.9	193.5	134.9	123.2	146.6	158.4	129.0
85°	1513.2	1302.0	827.0	750.7	152.5	117.3	99.7	99.7	129.0	158.4	117.3
87.5°	428.1	181.8	52.8	222.9	64.5	46.9	35.2	23.5	35.2	35.2	23.5
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°	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6
2.5°	3636.3	3601.1	3601.1	3589.4	3595.3	3601.1	3595.3	3636.3	3653.9	3677.4	3724.3
5°	2791.7	2838.7	2803.5	2838.7	2885.6	2956.0	2973.6	3026.3	3032.2	3073.3	3049.8
7.5°	2070.3	2064.5	2035.2	2076.2	2205.2	2305.0	2351.9	2381.2	2387.1	2387.1	2357.7
10°	1753.6	1700.9	1648.1	1618.7	1630.5	1736.0	1771.2	1788.8	1777.1	1794.7	1771.2
12.5°	1501.4	1454.5	1378.3	1325.5	1290.3	1319.6	1354.8	1372.4	1384.1	1413.5	1436.9
15°	1219.9	1173.0	1126.1	1096.8	1067.4	1044.0	1073.3	1090.9	1120.2	1143.7	1155.4
17.5°	926.7	903.2	879.8	897.3	897.3	885.6	897.3	903.2	914.9	932.5	926.7
20°	750.7	744.9	739.0	768.3	791.8	791.8	803.5	785.9	780.0	762.5	756.6
22.5°	668.6	668.6	674.5	697.9	721.4	733.1	733.1	703.8	674.5	662.7	668.6
25°	621.7	621.7	639.3	645.2	656.9	656.9	662.7	633.4	615.8	598.2	604.1
27.5°	586.5	586.5	592.4	592.4	598.2	598.2	604.1	592.4	568.9	563.0	563.0
30°	563.0	563.0	557.2	557.2	557.2	557.2	563.0	545.4	533.7	527.9	527.9
32.5°	539.6	533.7	527.9	527.9	522.0	522.0	527.9	510.3	504.4	504.4	504.4
35°	469.2	463.3	469.2	480.9	480.9	486.8	486.8	480.9	469.2	457.5	451.6
37.5°	439.9	434.0	434.0	434.0	445.7	451.6	457.5	445.7	428.1	410.6	410.6
40°	416.4	416.4	410.6	410.6	410.6	422.3	434.0	416.4	393.0	387.1	387.1
42.5°	398.8	393.0	387.1	381.2	375.4	393.0	404.7	381.2	369.5	369.5	369.5
45°	381.2	375.4	369.5	363.6	357.8	363.6	375.4	351.9	346.0	346.0	346.0
47.5°	363.6	357.8	346.0	340.2	334.3	334.3	346.0	328.4	322.6	328.4	328.4
50°	351.9	340.2	328.4	322.6	316.7	316.7	316.7	310.8	310.8	310.8	316.7
52.5°	340.2	328.4	310.8	305.0	299.1	299.1	299.1	299.1	293.3	299.1	305.0
55°	322.6	310.8	299.1	293.3	287.4	281.5	287.4	281.5	281.5	287.4	287.4
57.5°	299.1	287.4	275.7	275.7	269.8	269.8	275.7	269.8	269.8	275.7	275.7
60°	281.5	269.8	258.1	258.1	252.2	258.1	263.9	258.1	258.1	258.1	263.9
62.5°	258.1	252.2	240.5	240.5	240.5	240.5	246.3	240.5	246.3	246.3	246.3
65°	240.5	228.7	222.9	222.9	222.9	222.9	234.6	222.9	228.7	228.7	228.7
67.5°	222.9	211.1	205.3	205.3	205.3	205.3	217.0	205.3	211.1	217.0	211.1
70°	205.3	193.5	187.7	187.7	187.7	187.7	193.5	187.7	187.7	193.5	193.5
72.5°	181.8	176.0	170.1	170.1	164.2	170.1	176.0	170.1	170.1	170.1	170.1
75°	164.2	158.4	158.4	152.5	152.5	152.5	158.4	146.6	146.6	146.6	146.6
77.5°	152.5	140.8	140.8	140.8	134.9	140.8	134.9	123.2	123.2	123.2	123.2
80°	129.0	117.3	123.2	123.2	117.3	117.3	111.4	99.7	99.7	99.7	99.7
82.5°	105.6	93.8	99.7	99.7	99.7	99.7	88.0	82.1	76.2	70.4	70.4
85°	93.8	76.2	88.0	88.0	82.1	82.1	58.7	58.7	46.9	46.9	41.1
87.5°	17.6	11.7	23.5	29.3	29.3	35.2	23.5	29.3	17.6	11.7	11.7
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°	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6
2.5°	3718.4	3782.9	3870.9	3935.4	4035.1	4111.4	4228.7	4328.4	4422.2	4463.3	4504.3
5°	3120.2	3161.2	3296.1	3401.7	3560.1	3730.1	3941.3	4170.0	4404.6	4510.2	4633.4
7.5°	2334.3	2410.5	2486.8	2639.3	2832.8	3108.5	3378.2	3718.4	4046.9	4205.2	4416.4
10°	1812.3	1870.9	1958.9	2117.3	2299.1	2527.8	2850.4	3255.1	3648.0	3853.3	4070.3
12.5°	1454.5	1536.6	1653.9	1818.2	2029.3	2263.9	2498.5	2873.9	3331.3	3565.9	3812.3
15°	1178.9	1243.4	1372.4	1577.7	1824.0	2064.5	2310.8	2621.7	3120.2	3390.0	3683.2
17.5°	938.4	985.3	1102.6	1307.9	1554.2	1824.0	2105.5	2498.5	3049.8	3378.2	3724.3
20°	762.5	797.6	873.9	1026.4	1261.0	1554.2	1906.1	2381.2	3090.9	3513.1	3935.4
22.5°	668.6	680.3	715.5	797.6	991.2	1302.0	1724.3	2281.5	3167.1	3712.6	4281.5
25°	604.1	615.8	627.6	680.3	791.8	1085.0	1566.0	2222.8	3331.3	4005.8	4680.3
27.5°	563.0	574.8	580.6	604.1	680.3	926.7	1431.1	2187.7	3554.2	4434.0	5172.9
30°	527.9	527.9	545.4	580.6	633.4	815.2	1313.8	2105.5	3788.8	4791.7	5560.0
32.5°	498.5	504.4	527.9	545.4	580.6	721.4	1196.5	2000.0	3999.9	5085.0	5941.3
35°	445.7	445.7	451.6	480.9	527.9	645.2	1090.9	1894.4	4117.2	5372.4	6281.4
37.5°	410.6	416.4	428.1	451.6	492.7	592.4	1002.9	1777.1	4240.4	5642.1	6680.3
40°	387.1	393.0	404.7	428.1	469.2	545.4	926.7	1683.3	4369.4	5935.4	7108.4
42.5°	369.5	375.4	387.1	410.6	445.7	533.7	844.6	1607.0	4445.7	6205.2	7513.1
45°	351.9	357.8	375.4	398.8	428.1	522.0	797.6	1554.2	4475.0	6387.0	7835.7
47.5°	334.3	340.2	357.8	393.0	428.1	504.4	780.0	1524.9	4498.5	6592.3	8093.7
50°	316.7	328.4	351.9	387.1	434.0	480.9	768.3	1519.0	4633.4	6856.2	8340.0
52.5°	305.0	322.6	346.0	387.1	428.1	445.7	762.5	1536.6	4903.2	7249.2	8692.0
55°	293.3	310.8	334.3	387.1	410.6	416.4	733.1	1566.0	5313.7	7794.6	9190.5
57.5°	281.5	293.3	322.6	375.4	387.1	393.0	674.5	1607.0	5724.3	8328.3	9700.7
60°	263.9	275.7	305.0	375.4	351.9	369.5	598.2	1618.7	6017.5	8498.4	9747.7
62.5°	246.3	258.1	287.4	387.1	322.6	346.0	533.7	1577.7	6076.2	8252.1	9483.7
65°	228.7	240.5	263.9	322.6	299.1	322.6	492.7	1466.3	5882.6	7689.0	9002.8
67.5°	211.1	222.9	240.5	263.9	269.8	293.3	475.1	1290.3	5395.8	6991.1	8345.9
70°	187.7	199.4	217.0	234.6	240.5	275.7	445.7	1120.2	4609.9	6058.6	7542.4
72.5°	170.1	176.0	193.5	205.3	217.0	252.2	428.1	979.5	3524.9	4903.2	6152.4
75°	146.6	146.6	164.2	176.0	187.7	222.9	393.0	815.2	2486.8	3741.9	4521.9
77.5°	123.2	123.2	134.9	146.6	158.4	193.5	334.3	662.7	1724.3	2967.7	3278.5
80°	93.8	93.8	105.6	117.3	129.0	164.2	269.8	486.8	1067.4	2170.1	2387.1
82.5°	64.5	64.5	82.1	88.0	93.8	129.0	205.3	334.3	627.6	1566.0	1706.7
85°	35.2	35.2	46.9	52.8	64.5	93.8	152.5	234.6	375.4	1131.9	1137.8
87.5°	5.9	5.9	17.6	17.6	29.3	46.9	88.0	129.0	211.1	627.6	398.8
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: P598649
 CATALOG NUMBER: IFLD-S-SA2E-730-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6	4187.6
2.5°	4580.6	4645.1	4651.0	4651.0	4621.6	4627.5	4545.4	4457.4	4428.1	4422.2
5°	4821.0	4991.1	5038.0	5061.5	4985.3	4868.0	4656.8	4428.1	4310.8	4293.2
7.5°	4774.1	5114.3	5296.1	5319.6	5167.1	4891.4	4521.9	4170.0	4035.1	3999.9
10°	4498.5	4955.9	5284.4	5366.5	5202.3	4850.4	4369.4	3958.9	3794.7	3765.3
12.5°	4304.9	4744.8	5067.4	5178.8	5102.6	4797.6	4293.2	3824.0	3659.8	3618.7
15°	4199.4	4604.0	4815.2	4850.4	4844.5	4715.5	4293.2	3853.3	3671.5	3624.6
17.5°	4287.3	4563.0	4592.3	4510.2	4557.1	4621.6	4387.0	4011.7	3835.7	3794.7
20°	4463.3	4545.4	4404.6	4281.5	4304.9	4510.2	4533.7	4310.8	4170.0	4099.6
22.5°	4832.8	4609.9	4287.3	4117.2	4134.8	4422.2	4727.2	4715.5	4592.3	4557.1
25°	5208.1	4791.7	4252.1	4052.7	4076.2	4404.6	4955.9	5167.1	5102.6	5085.0
27.5°	5624.5	5096.7	4275.6	4023.4	4052.7	4428.1	5114.3	5548.3	5560.0	5542.4
30°	5906.1	5243.3	4346.0	4058.6	4099.6	4486.7	5149.5	5777.0	5882.6	5888.5
32.5°	6140.7	5389.9	4492.6	4117.2	4187.6	4592.3	5243.3	5994.0	6228.6	6234.5
35°	6328.4	5554.2	4674.4	4222.8	4328.4	4768.3	5366.5	6199.3	6551.2	6592.3
37.5°	6568.8	5736.0	4885.6	4451.5	4568.8	5020.5	5583.5	6439.8	6932.4	7043.9
40°	6826.9	5917.8	5190.5	4821.0	4991.1	5395.8	5829.8	6709.6	7255.0	7407.5
42.5°	7114.3	6111.3	5536.6	5319.6	5577.6	5870.9	6111.3	6955.9	7501.4	7677.3
45°	7395.8	6345.9	6041.0	5999.9	6287.3	6433.9	6387.0	7131.9	7736.0	7911.9
47.5°	7595.2	6686.1	6650.9	6897.3	7167.0	7090.8	6709.6	7260.9	7929.5	8123.0
50°	7777.0	7108.4	7419.2	7900.2	8064.4	7806.3	7055.6	7436.8	8134.8	8351.8
52.5°	8046.8	7560.0	8211.0	8809.3	8967.6	8557.1	7431.0	7724.2	8451.5	8645.0
55°	8598.1	8070.3	9038.0	9724.2	9753.5	9243.3	7935.4	8211.0	8897.2	9120.1
57.5°	9213.9	8697.8	9694.9	10480.8	10469.0	9929.5	8504.3	8867.9	9501.3	9653.8
60°	9771.1	9331.2	10410.4	11020.4	10991.0	10428.0	9167.0	9612.8	10193.4	10310.7
62.5°	10099.6	9906.0	10727.1	11190.4	11079.0	10592.2	9730.1	10275.5	10686.1	10727.1
65°	10046.8	10234.4	10357.6	10645.0	10486.6	10134.7	10005.7	10697.8	10738.8	10697.8
67.5°	9647.9	10046.8	9343.0	9372.3	9290.2	8991.1	9577.6	10586.4	10304.8	10205.1
70°	9043.9	9073.2	7812.2	7442.7	7571.7	7161.2	8216.9	9718.3	9284.3	9161.2
72.5°	8040.9	7677.3	5906.1	5530.7	5724.3	5431.0	6592.3	8469.1	8046.8	7648.0
75°	6744.8	6082.0	4498.5	3964.7	4064.5	4052.7	5108.4	6997.0	6234.5	5835.7
77.5°	5225.7	4738.9	3319.6	3114.3	3008.8	3032.2	3565.9	5202.3	4521.9	4023.4
80°	3818.1	3313.7	2568.9	2686.2	2627.5	2486.8	2498.5	3483.8	3143.6	2844.5
82.5°	2639.3	2357.7	2082.1	2351.9	2211.1	1994.1	1947.2	2510.2	2357.7	2175.9
85°	1771.2	1941.3	1653.9	1800.6	1560.1	1436.9	1829.9	2099.7	1695.0	1513.2
87.5°	1155.4	1777.1	1190.6	903.2	516.1	692.1	1120.2	1378.3	791.8	428.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)