

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: P598595

Luminaire Tested: **IFLD-S-SA3D-722-U-SLR**

Issue Date: 05/03/2022

Tested By:

Approved By:



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Test Information

Test Method: LM-79-08
 Report Number: P598595
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/03/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-S-SA3D-722-U-SLR
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens
 Light Source: (48) 2200K CCT, 70 CRI LEDs
 Ballast/Driver: ELECTRONIC DRIVER

Summary

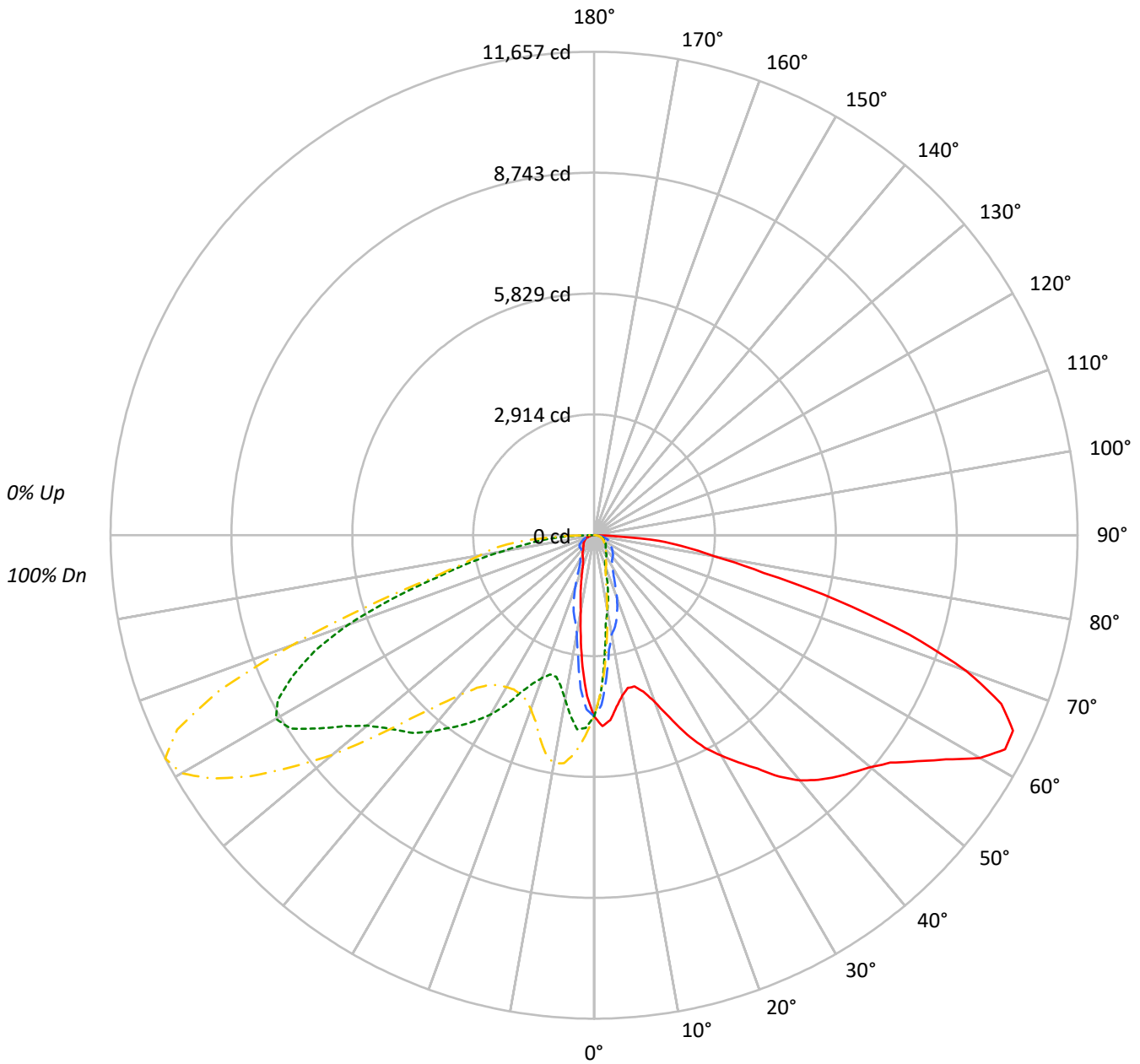
Lumens per Lamp: N/A
 Luminaire Lumens: 14602.7 lumens
 Efficiency: N/A
 Efficacy: 79.3 lumens/watt
 Spacing Criteria (0/90/45): 1.13 / 0.53 / 0.8
 Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
 CIE Type: Direct

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



— 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	102	102	102	100
1	105	99	94	89	102	97	92	87	92	88	84	88	85	82	85	82	79	85	82	79	77
2	93	83	74	67	90	81	73	66	77	70	64	73	68	63	70	65	61	70	65	61	59
3	83	70	60	52	80	68	59	51	65	57	50	62	55	49	59	53	48	59	53	48	46
4	74	60	49	41	72	59	49	41	56	47	40	53	46	40	51	44	39	51	44	39	36
5	68	52	42	34	65	51	41	34	49	40	33	47	39	33	45	38	32	45	38	32	30
6	62	46	36	28	60	45	35	28	43	34	28	41	34	28	40	33	27	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	24	36	29	23	36	29	23	21
8	53	37	28	21	51	36	27	21	35	27	21	34	26	21	32	26	20	32	26	20	18
9	49	34	25	19	47	33	24	18	32	24	18	31	23	18	30	23	18	30	23	18	16
10	46	31	22	17	44	31	22	17	29	22	16	28	21	16	28	21	16	28	21	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	62604	62604	62604	62604
5°	64428	41896	45769	67684
10°	57159	26621	26888	58496
15°	56098	18880	17882	52467
20°	65222	11943	12037	55891
25°	83878	10255	9965	66077
30°	101650	9720	9111	82718
35°	120311	8562	8242	98048
40°	144562	8127	7554	115833
45°	167275	8060	7317	135036
50°	194243	8185	7366	159461
55°	237709	8407	7492	203162
60°	308287	8416	7891	254100
65°	378427	8507	8093	271995
70°	400436	8971	8460	264823
75°	337078	9488	8467	216139
80°	244890	11108	8587	186829
85°	259552	16088	7048	194162

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	337.6	2.3
10°-20°	706.5	4.8
20°-30°	1018.2	7.0
30°-40°	1465.8	10.0
40°-50°	2082.0	14.3
50°-60°	2993.4	20.5
60°-70°	3458.3	23.7
70°-80°	1958.2	13.4
80°-90°	582.8	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°	2062.3	14.1
0°-40°	3528.1	24.2
0°-60°	8603.4	58.9
0°-90°	14602.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14602.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4362	4362	4362	4362	4362	
5°	4472	2908	3177	4698	4472	406
15°	3776	1271	1204	3531	3776	1110
25°	5297	648	629	4173	5297	2459
35°	6867	489	470	5596	6867	4358
45°	8242	397	360	6653	8242	6382
55°	9500	336	299	8119	9500	8604
65°	11144	250	238	8009	11144	10686
75°	6079	171	153	3898	6079	6450
85°	1576	98	43	1179	1576	1570
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°	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1
2.5°	4606.5	4600.4	4563.7	4447.6	4325.4	4209.4	4099.4	3983.3	3922.2	3848.9	3818.4
5°	4472.1	4459.8	4356.0	4099.4	3873.3	3629.0	3421.2	3256.3	3121.9	2987.5	2938.6
7.5°	4166.6	4148.3	4026.1	3671.7	3341.8	3024.1	2773.7	2559.8	2382.7	2303.2	2211.6
10°	3922.2	3891.7	3732.8	3341.8	2914.2	2596.5	2431.5	2284.9	2132.2	2003.9	1869.5
12.5°	3769.5	3732.8	3567.9	3109.7	2694.2	2456.0	2284.9	2120.0	1930.6	1771.7	1625.1
15°	3775.6	3732.8	3531.2	3048.6	2639.2	2333.8	2095.5	1869.5	1649.5	1472.4	1307.4
17.5°	3952.8	3897.8	3683.9	3134.1	2596.5	2174.9	1857.2	1564.0	1313.5	1124.1	989.7
20°	4270.4	4233.8	3989.4	3262.4	2553.7	2003.9	1612.9	1258.5	995.8	849.2	794.2
22.5°	4747.0	4704.2	4441.5	3457.9	2541.5	1851.1	1350.2	989.7	800.3	739.2	708.7
25°	5296.8	5217.4	4973.0	3787.8	2565.9	1710.6	1136.3	818.7	714.8	672.0	653.7
27.5°	5773.4	5724.5	5449.6	4099.4	2578.2	1600.7	989.7	745.3	665.9	629.3	617.0
30°	6133.8	6115.5	5846.7	4441.5	2547.6	1466.2	898.1	714.8	665.9	629.3	592.6
32.5°	6494.3	6500.4	6213.2	4704.2	2504.8	1350.2	812.5	635.4	586.5	562.1	568.2
35°	6866.9	6897.5	6653.1	4960.8	2413.2	1307.4	751.5	592.6	549.8	513.2	494.9
37.5°	7337.4	7416.8	7178.5	5247.9	2321.6	1270.7	720.9	562.1	519.3	488.7	464.3
40°	7716.1	7862.8	7722.2	5516.8	2260.5	1228.0	696.5	531.5	501.0	464.3	446.0
42.5°	7997.2	8168.2	8119.4	5724.5	2260.5	1185.2	672.0	513.2	488.7	446.0	421.5
45°	8241.5	8418.7	8412.6	5938.3	2309.3	1160.8	641.5	513.2	476.5	433.8	409.3
47.5°	8461.5	8638.6	8699.7	6207.1	2388.8	1148.6	604.8	501.0	476.5	427.7	391.0
50°	8699.7	8895.2	9078.5	6634.8	2486.5	1118.0	580.4	482.6	482.6	421.5	378.8
52.5°	9005.2	9225.1	9561.2	7166.3	2584.3	1063.0	543.7	470.4	482.6	415.4	366.6
55°	9500.1	9683.3	10123.2	7801.7	2706.5	995.8	513.2	439.9	458.2	397.1	348.2
57.5°	10056.0	10214.9	10581.4	8290.4	2743.1	910.3	470.4	409.3	439.9	378.8	323.8
60°	10740.3	10819.7	10819.7	8430.9	2620.9	830.9	439.9	384.9	397.1	360.5	305.5
62.5°	11174.0	11174.0	10819.7	8174.3	2388.8	763.7	415.4	360.5	348.2	336.0	287.1
65°	11143.5	11094.6	10569.2	7429.0	2120.0	720.9	391.0	329.9	311.6	305.5	268.8
67.5°	10630.3	10544.8	9830.0	6378.2	1838.9	702.6	366.6	299.4	287.1	274.9	244.4
70°	9542.8	9322.9	8443.1	5131.9	1564.0	690.4	360.5	274.9	262.7	250.5	226.0
72.5°	7966.6	7685.6	6592.0	3946.7	1313.5	647.6	342.1	244.4	238.3	226.0	201.6
75°	6078.8	5559.5	4600.4	3018.0	1020.3	562.1	293.2	213.8	213.8	207.7	183.3
77.5°	4191.0	3922.2	3207.4	2229.9	745.3	433.8	238.3	189.4	189.4	195.5	171.1
80°	2963.0	2712.6	2284.9	1600.7	470.4	293.2	183.3	158.8	177.2	189.4	158.8
82.5°	2266.6	2083.3	1698.4	1166.9	274.9	201.6	140.5	128.3	152.7	165.0	134.4
85°	1576.2	1356.3	861.4	782.0	158.8	122.2	103.9	103.9	134.4	165.0	122.2
87.5°	446.0	189.4	55.0	232.2	67.2	48.9	36.7	24.4	36.7	36.7	24.4
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°	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1
2.5°	3787.8	3751.2	3751.2	3738.9	3745.0	3751.2	3745.0	3787.8	3806.1	3830.6	3879.4
5°	2908.1	2956.9	2920.3	2956.9	3005.8	3079.1	3097.4	3152.4	3158.5	3201.3	3176.9
7.5°	2156.6	2150.5	2120.0	2162.7	2297.1	2401.0	2449.9	2480.4	2486.5	2486.5	2456.0
10°	1826.7	1771.7	1716.7	1686.2	1698.4	1808.4	1845.0	1863.4	1851.1	1869.5	1845.0
12.5°	1564.0	1515.1	1435.7	1380.7	1344.1	1374.6	1411.3	1429.6	1441.8	1472.4	1496.8
15°	1270.7	1221.9	1173.0	1142.5	1111.9	1087.5	1118.0	1136.3	1166.9	1191.3	1203.5
17.5°	965.3	940.8	916.4	934.7	934.7	922.5	934.7	940.8	953.1	971.4	965.3
20°	782.0	775.9	769.8	800.3	824.8	824.8	837.0	818.7	812.5	794.2	788.1
22.5°	696.5	696.5	702.6	727.0	751.5	763.7	763.7	733.1	702.6	690.4	696.5
25°	647.6	647.6	665.9	672.0	684.2	684.2	690.4	659.8	641.5	623.2	629.3
27.5°	610.9	610.9	617.0	617.0	623.2	623.2	629.3	617.0	592.6	586.5	586.5
30°	586.5	586.5	580.4	580.4	580.4	580.4	586.5	568.2	556.0	549.8	549.8
32.5°	562.1	556.0	549.8	549.8	543.7	543.7	549.8	531.5	525.4	525.4	525.4
35°	488.7	482.6	488.7	501.0	501.0	507.1	507.1	501.0	488.7	476.5	470.4
37.5°	458.2	452.1	452.1	452.1	464.3	470.4	476.5	464.3	446.0	427.7	427.7
40°	433.8	433.8	427.7	427.7	427.7	439.9	452.1	433.8	409.3	403.2	403.2
42.5°	415.4	409.3	403.2	397.1	391.0	409.3	421.5	397.1	384.9	384.9	384.9
45°	397.1	391.0	384.9	378.8	372.7	378.8	391.0	366.6	360.5	360.5	360.5
47.5°	378.8	372.7	360.5	354.3	348.2	348.2	360.5	342.1	336.0	342.1	342.1
50°	366.6	354.3	342.1	336.0	329.9	329.9	329.9	323.8	323.8	323.8	329.9
52.5°	354.3	342.1	323.8	317.7	311.6	311.6	311.6	311.6	305.5	311.6	317.7
55°	336.0	323.8	311.6	305.5	299.4	293.2	299.4	293.2	293.2	299.4	299.4
57.5°	311.6	299.4	287.1	287.1	281.0	281.0	287.1	281.0	281.0	287.1	287.1
60°	293.2	281.0	268.8	268.8	262.7	268.8	274.9	268.8	268.8	268.8	274.9
62.5°	268.8	262.7	250.5	250.5	250.5	250.5	256.6	250.5	256.6	256.6	256.6
65°	250.5	238.3	232.2	232.2	232.2	232.2	244.4	232.2	238.3	238.3	238.3
67.5°	232.2	219.9	213.8	213.8	213.8	213.8	226.0	213.8	219.9	226.0	219.9
70°	213.8	201.6	195.5	195.5	195.5	195.5	201.6	195.5	195.5	201.6	201.6
72.5°	189.4	183.3	177.2	177.2	171.1	177.2	183.3	177.2	177.2	177.2	177.2
75°	171.1	165.0	165.0	158.8	158.8	158.8	165.0	152.7	152.7	152.7	152.7
77.5°	158.8	146.6	146.6	146.6	140.5	146.6	140.5	128.3	128.3	128.3	128.3
80°	134.4	122.2	128.3	128.3	122.2	122.2	116.1	103.9	103.9	103.9	103.9
82.5°	110.0	97.7	103.9	103.9	103.9	103.9	91.6	85.5	79.4	73.3	73.3
85°	97.7	79.4	91.6	91.6	85.5	85.5	61.1	61.1	48.9	48.9	42.8
87.5°	18.3	12.2	24.4	30.5	30.5	36.7	24.4	30.5	18.3	12.2	12.2
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°	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1
2.5°	3873.3	3940.5	4032.2	4099.4	4203.2	4282.7	4404.9	4508.7	4606.5	4649.2	4692.0
5°	3250.2	3292.9	3433.5	3543.4	3708.4	3885.6	4105.5	4343.8	4588.1	4698.1	4826.4
7.5°	2431.5	2511.0	2590.4	2749.2	2950.8	3238.0	3519.0	3873.3	4215.5	4380.4	4600.4
10°	1887.8	1948.9	2040.5	2205.5	2394.9	2633.1	2969.2	3390.7	3800.0	4013.9	4239.9
12.5°	1515.1	1600.7	1722.8	1893.9	2113.8	2358.2	2602.6	2993.6	3470.1	3714.5	3971.1
15°	1228.0	1295.2	1429.6	1643.4	1900.0	2150.5	2407.1	2730.9	3250.2	3531.2	3836.7
17.5°	977.5	1026.4	1148.6	1362.4	1619.0	1900.0	2193.3	2602.6	3176.9	3519.0	3879.4
20°	794.2	830.9	910.3	1069.1	1313.5	1619.0	1985.5	2480.4	3219.6	3659.5	4099.4
22.5°	696.5	708.7	745.3	830.9	1032.5	1356.3	1796.2	2376.5	3299.1	3867.2	4459.8
25°	629.3	641.5	653.7	708.7	824.8	1130.2	1631.2	2315.5	3470.1	4172.7	4875.3
27.5°	586.5	598.7	604.8	629.3	708.7	965.3	1490.7	2278.8	3702.3	4618.7	5388.5
30°	549.8	549.8	568.2	604.8	659.8	849.2	1368.5	2193.3	3946.7	4991.4	5791.7
32.5°	519.3	525.4	549.8	568.2	604.8	751.5	1246.3	2083.3	4166.6	5296.8	6188.8
35°	464.3	464.3	470.4	501.0	549.8	672.0	1136.3	1973.3	4288.8	5596.2	6543.1
37.5°	427.7	433.8	446.0	470.4	513.2	617.0	1044.7	1851.1	4417.1	5877.2	6958.6
40°	403.2	409.3	421.5	446.0	488.7	568.2	965.3	1753.4	4551.5	6182.7	7404.6
42.5°	384.9	391.0	403.2	427.7	464.3	556.0	879.7	1674.0	4630.9	6463.7	7826.1
45°	366.6	372.7	391.0	415.4	446.0	543.7	830.9	1619.0	4661.4	6653.1	8162.1
47.5°	348.2	354.3	372.7	409.3	446.0	525.4	812.5	1588.4	4685.9	6866.9	8430.9
50°	329.9	342.1	366.6	403.2	452.1	501.0	800.3	1582.3	4826.4	7141.9	8687.5
52.5°	317.7	336.0	360.5	403.2	446.0	464.3	794.2	1600.7	5107.4	7551.2	9054.1
55°	305.5	323.8	348.2	403.2	427.7	433.8	763.7	1631.2	5535.1	8119.4	9573.4
57.5°	293.2	305.5	336.0	391.0	403.2	409.3	702.6	1674.0	5962.7	8675.3	10104.9
60°	274.9	287.1	317.7	391.0	366.6	384.9	623.2	1686.2	6268.2	8852.5	10153.8
62.5°	256.6	268.8	299.4	403.2	336.0	360.5	556.0	1643.4	6329.3	8595.9	9878.8
65°	238.3	250.5	274.9	336.0	311.6	336.0	513.2	1527.3	6127.7	8009.4	9377.9
67.5°	219.9	232.2	250.5	274.9	281.0	305.5	494.9	1344.1	5620.6	7282.4	8693.6
70°	195.5	207.7	226.0	244.4	250.5	287.1	464.3	1166.9	4802.0	6311.0	7856.6
72.5°	177.2	183.3	201.6	213.8	226.0	262.7	446.0	1020.3	3671.7	5107.4	6408.7
75°	152.7	152.7	171.1	183.3	195.5	232.2	409.3	849.2	2590.4	3897.8	4710.3
77.5°	128.3	128.3	140.5	152.7	165.0	201.6	348.2	690.4	1796.2	3091.3	3415.1
80°	97.7	97.7	110.0	122.2	134.4	171.1	281.0	507.1	1111.9	2260.5	2486.5
82.5°	67.2	67.2	85.5	91.6	97.7	134.4	213.8	348.2	653.7	1631.2	1777.8
85°	36.7	36.7	48.9	55.0	67.2	97.7	158.8	244.4	391.0	1179.1	1185.2
87.5°	6.1	6.1	18.3	18.3	30.5	48.9	91.6	134.4	219.9	653.7	415.4
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: P598595
 CATALOG NUMBER: IFLD-S-SA3D-722-U-SLR

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1	4362.1
2.5°	4771.4	4838.6	4844.7	4844.7	4814.2	4820.3	4734.8	4643.1	4612.6	4606.5
5°	5021.9	5199.1	5247.9	5272.4	5193.0	5070.8	4850.8	4612.6	4490.4	4472.1
7.5°	4973.0	5327.4	5516.8	5541.2	5382.4	5095.2	4710.3	4343.8	4203.2	4166.6
10°	4685.9	5162.4	5504.5	5590.1	5419.0	5052.4	4551.5	4123.8	3952.8	3922.2
12.5°	4484.3	4942.5	5278.5	5394.6	5315.2	4997.5	4472.1	3983.3	3812.2	3769.5
15°	4374.3	4795.9	5015.8	5052.4	5046.3	4911.9	4472.1	4013.9	3824.5	3775.6
17.5°	4465.9	4753.1	4783.6	4698.1	4747.0	4814.2	4569.8	4178.8	3995.5	3952.8
20°	4649.2	4734.8	4588.1	4459.8	4484.3	4698.1	4722.5	4490.4	4343.8	4270.4
22.5°	5034.1	4802.0	4465.9	4288.8	4307.1	4606.5	4924.2	4911.9	4783.6	4747.0
25°	5425.1	4991.4	4429.3	4221.6	4246.0	4588.1	5162.4	5382.4	5315.2	5296.8
27.5°	5858.9	5309.0	4453.7	4191.0	4221.6	4612.6	5327.4	5779.5	5791.7	5773.4
30°	6152.1	5461.8	4527.0	4227.7	4270.4	4673.7	5364.0	6017.7	6127.7	6133.8
32.5°	6396.5	5614.5	4679.8	4288.8	4362.1	4783.6	5461.8	6243.8	6488.1	6494.3
35°	6592.0	5785.6	4869.2	4398.7	4508.7	4966.9	5590.1	6457.6	6824.2	6866.9
37.5°	6842.5	5975.0	5089.1	4637.0	4759.2	5229.6	5816.1	6708.1	7221.3	7337.4
40°	7111.3	6164.4	5406.8	5021.9	5199.1	5620.6	6072.7	6989.1	7557.3	7716.1
42.5°	7410.7	6366.0	5767.2	5541.2	5810.0	6115.5	6366.0	7245.7	7813.9	7997.2
45°	7703.9	6610.3	6292.6	6249.9	6549.2	6702.0	6653.1	7429.0	8058.3	8241.5
47.5°	7911.6	6964.7	6928.0	7184.6	7465.6	7386.2	6989.1	7563.4	8259.9	8461.5
50°	8101.0	7404.6	7728.4	8229.3	8400.4	8131.6	7349.6	7746.7	8473.7	8699.7
52.5°	8382.1	7875.0	8553.1	9176.3	9341.2	8913.6	7740.6	8046.0	8803.6	9005.2
55°	8956.3	8406.5	9414.5	10129.3	10159.9	9628.4	8266.0	8553.1	9267.9	9500.1
57.5°	9597.8	9060.2	10098.8	10917.4	10905.2	10343.2	8858.6	9237.4	9897.2	10056.0
60°	10178.2	9720.0	10844.1	11479.5	11449.0	10862.5	9548.9	10013.3	10618.1	10740.3
62.5°	10520.3	10318.7	11174.0	11656.7	11540.6	11033.5	10135.4	10703.6	11131.3	11174.0
65°	10465.3	10660.8	10789.1	11088.5	10923.6	10557.0	10422.6	11143.5	11186.3	11143.5
67.5°	10049.9	10465.3	9732.2	9762.8	9677.2	9365.7	9976.6	11027.4	10734.2	10630.3
70°	9420.6	9451.2	8137.7	7752.8	7887.2	7459.5	8559.2	10123.2	9671.1	9542.8
72.5°	8375.9	7997.2	6152.1	5761.1	5962.7	5657.3	6866.9	8821.9	8382.1	7966.6
75°	7025.8	6335.4	4685.9	4129.9	4233.8	4221.6	5321.3	7288.5	6494.3	6078.8
77.5°	5443.4	4936.4	3457.9	3244.1	3134.1	3158.5	3714.5	5419.0	4710.3	4191.0
80°	3977.2	3451.8	2675.9	2798.1	2737.0	2590.4	2602.6	3629.0	3274.6	2963.0
82.5°	2749.2	2456.0	2168.8	2449.9	2303.2	2077.2	2028.3	2614.8	2456.0	2266.6
85°	1845.0	2022.2	1722.8	1875.6	1625.1	1496.8	1906.1	2187.2	1765.6	1576.2
87.5°	1203.5	1851.1	1240.2	940.8	537.6	720.9	1166.9	1435.7	824.8	446.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)