

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: P599132

Luminaire Tested: **IFLD-L-SA7D-722-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: P599132
 Test Lab: INNOVATION CENTER(G1)
 Issue Date: 05/04/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: IFLD-L-SA7D-722-U-SLR-HSS
 Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ SLR distribution lens with House Side Shield
 Light Source: (112) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: ELECTRONIC DRIVER

Summary

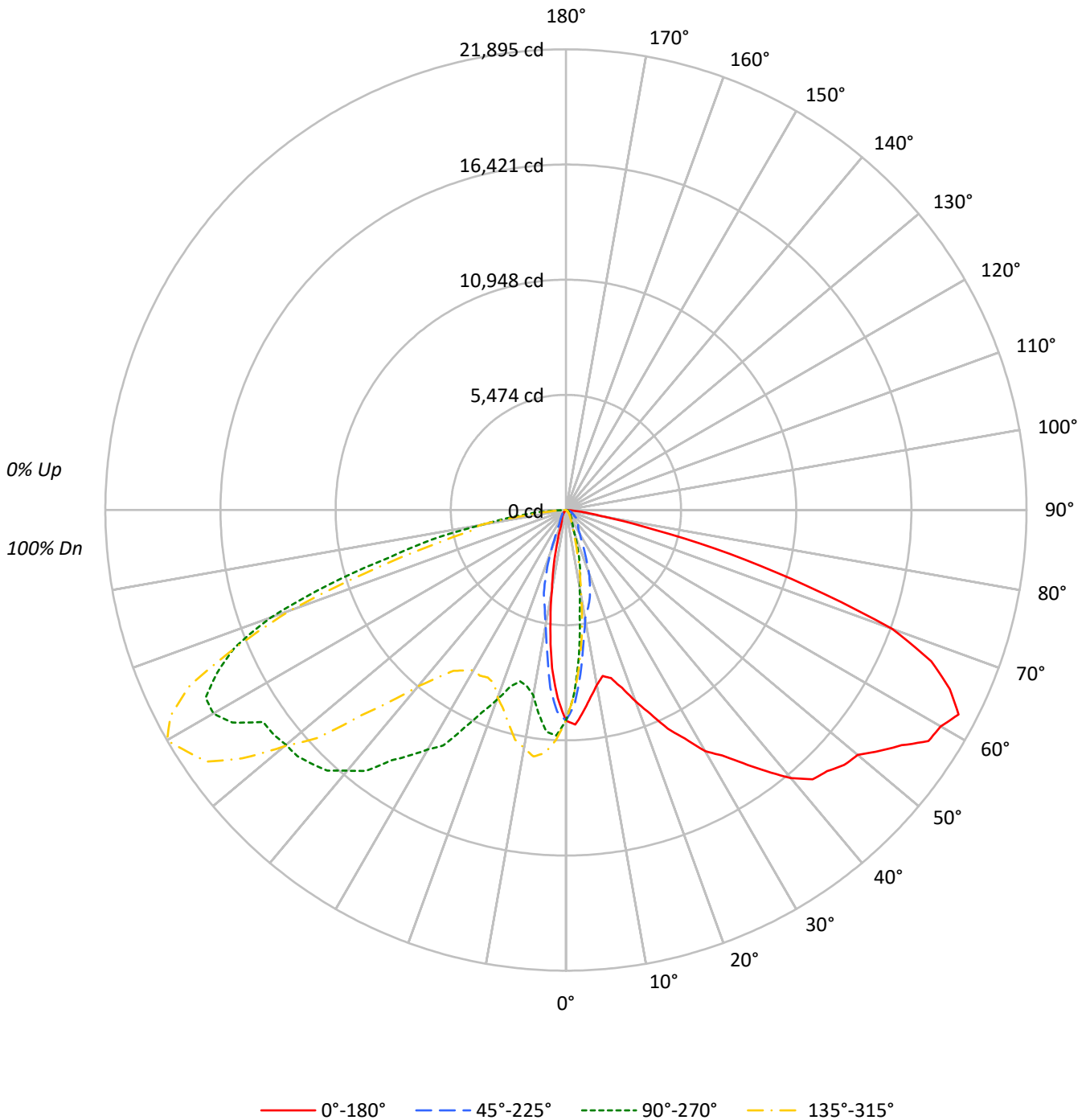
Lumens per Lamp: N/A
 Luminaire Lumens: 26172.5 lumens
 Efficiency: N/A
 Efficacy: 61.9 lumens/watt
 Spacing Criteria (0/90/45): 0.44 / 0.52 / 0.65
 Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
 CIE Type: Direct

Input Watts (W): 422.6
 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°	53850	53850	53850	53850
5°	51845	37893	40790	57144
10°	46159	20631	20901	48858
15°	46078	13761	8413	46943
20°	55326	6871	3355	55003
25°	68049	4316	2598	67714
30°	82221	3464	1973	81695
35°	96476	2782	1530	95502
40°	116797	2380	991	113575
45°	133621	2148	537	129916
50°	151600	2068	118	145397
55°	182870	1986	0	164862
60°	221401	1671	0	208261
65°	256369	1347	0	233005
70°	259600	1111	0	234950
75°	168005	734	0	180182
80°	57298	220	0	127501
85°	28757	0	0	93682

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	757.9	2.9
10°-20°	1467.6	5.6
20°-30°	2044.1	7.8
30°-40°	2904.4	11.1
40°-50°	4027.6	15.4
50°-60°	5487.8	21.0
60°-70°	6033.4	23.1
70°-80°	2965.4	11.3
80°-90°	484.2	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°	4269.7	16.3
0°-40°	7174.1	27.4
0°-60°	16689.4	63.8
0°-90°	26172.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	26172.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	10006	10006	10006	10006	10006	
5°	9596	7014	7550	10577	9596	878
15°	8270	2470	1510	8425	8270	2448
25°	11459	727	438	11403	11459	5328
35°	14684	423	233	14536	14684	9321
45°	17556	282	71	17069	17556	13609
55°	19489	212	0	17570	19489	17532
65°	20131	106	0	18297	20131	19455
75°	8079	35	0	8665	8079	8808
85°	466	0	0	1517	466	644
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°	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7
2.5°	10210.3	10330.3	10217.4	9822.2	9751.7	9561.2	9271.9	9250.7	8947.3	8982.5	8820.3
5°	9596.4	9716.4	9476.5	8954.3	8467.4	8079.4	7846.5	7430.2	7338.5	7133.8	7133.8
7.5°	8968.4	8961.4	8552.1	8114.6	7387.8	6675.2	6350.6	5750.8	5398.0	5207.5	5024.0
10°	8446.3	8333.4	8079.4	7176.2	6385.9	5645.0	5242.8	4847.6	4480.7	4163.2	3845.6
12.5°	8079.4	8149.9	7747.7	6766.9	5743.8	5228.6	4798.2	4381.9	3944.4	3584.6	3231.7
15°	8269.9	8157.0	7684.2	6675.2	5637.9	4932.3	4360.7	3852.7	3365.8	2893.0	2624.9
17.5°	8862.6	8573.3	8015.8	6675.2	5419.2	4480.7	3789.2	3189.4	2667.2	2243.9	1912.2
20°	9659.9	9328.3	8728.5	6922.1	5256.9	4149.0	3203.5	2448.5	1905.2	1510.0	1256.0
22.5°	10478.5	10217.4	9314.2	7020.9	5066.4	3704.5	2526.1	1771.1	1270.1	1016.1	889.1
25°	11459.3	11092.4	10104.5	7416.1	4784.1	3274.1	1989.8	1234.8	945.5	811.5	733.8
27.5°	12242.5	12179.0	10845.4	7656.0	4572.4	2921.3	1573.5	980.8	783.2	684.5	635.1
30°	13230.4	12884.6	11748.6	8135.8	4332.5	2519.1	1312.5	882.0	719.7	613.9	578.6
32.5°	13823.1	13660.8	12221.3	8403.9	4064.4	2187.4	1129.0	776.2	656.2	578.6	543.3
35°	14684.0	14359.4	12898.7	8573.3	3923.3	1996.9	1016.1	705.6	550.4	472.8	430.4
37.5°	15643.6	15523.7	13710.2	8566.2	3718.6	1884.0	938.5	656.2	522.2	437.5	388.1
40°	16624.4	16137.5	14204.1	8763.8	3612.8	1799.3	882.0	628.0	493.9	416.3	352.8
42.5°	17358.3	16800.8	14775.7	8693.2	3485.8	1651.2	860.9	585.7	472.8	381.0	324.6
45°	17555.8	17358.3	15290.8	8672.1	3394.0	1531.2	825.6	578.6	458.7	359.9	303.4
47.5°	17936.9	17802.8	15925.9	8707.4	3323.5	1439.5	740.9	592.7	437.5	338.7	289.3
50°	18106.2	17866.3	16441.0	8792.0	3161.2	1326.6	663.3	620.9	430.4	331.6	275.2
52.5°	18804.8	18593.1	17146.6	9031.9	3027.1	1178.4	585.7	592.7	444.5	310.5	261.1
55°	19489.2	19249.3	18233.2	9582.3	2836.6	1058.4	501.0	522.2	423.4	282.2	232.9
57.5°	20427.7	20032.6	18960.0	9808.1	2667.2	896.1	444.5	430.4	395.1	254.0	204.6
60°	20568.8	20731.1	18854.2	9667.0	2490.8	790.3	388.1	331.6	423.4	225.8	176.4
62.5°	21041.6	20364.2	18360.2	9342.4	2363.8	726.8	345.8	275.2	366.9	197.6	148.2
65°	20131.4	19630.4	17203.0	8298.1	2201.5	733.8	303.4	225.8	232.9	162.3	120.0
67.5°	18797.7	18402.6	15283.7	7162.0	2039.2	719.7	268.1	197.6	176.4	141.1	105.8
70°	16497.4	15643.6	12983.4	5814.3	1799.3	670.3	225.8	176.4	148.2	112.9	77.6
72.5°	12002.6	11656.9	9314.2	4494.8	1615.9	606.8	211.7	148.2	127.0	84.7	63.5
75°	8079.4	7507.8	5877.8	2949.5	1298.3	529.2	176.4	134.1	98.8	63.5	49.4
77.5°	4269.0	4036.1	3330.5	1404.2	719.7	247.0	98.8	77.6	56.4	49.4	28.2
80°	1848.7	1644.1	1439.5	571.6	254.0	112.9	63.5	42.3	35.3	28.2	14.1
82.5°	945.5	903.2	748.0	247.0	148.2	84.7	35.3	28.2	21.2	14.1	7.1
85°	465.7	479.8	395.1	77.6	84.7	49.4	7.1	7.1	0.0	0.0	0.0
87.5°	35.3	35.3	28.2	14.1	21.2	7.1	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°	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7
2.5°	8756.8	8855.5	8686.2	8792.0	8742.6	8763.8	8785.0	8728.5	8742.6	8940.2	8947.3
5°	7013.9	7204.4	7133.8	7232.6	7402.0	7317.3	7394.9	7380.8	7394.9	7423.1	7550.1
7.5°	5002.8	4946.4	5080.5	5341.5	5645.0	5828.4	5736.7	5687.3	5659.1	5588.5	5673.2
10°	3775.1	3746.8	3711.6	3789.2	3986.8	4191.4	4304.3	4113.8	4007.9	3873.9	3824.5
12.5°	3133.0	2956.6	2857.8	2737.8	2794.3	2977.7	2984.8	2801.3	2632.0	2561.4	2639.0
15°	2469.7	2349.7	2173.3	2004.0	1919.3	2060.4	1940.5	1764.1	1545.3	1517.1	1510.0
17.5°	1764.1	1693.5	1566.5	1495.9	1397.1	1361.8	1234.8	966.7	811.5	769.1	783.2
20°	1199.6	1143.1	1136.0	1072.5	1030.2	1002.0	797.4	620.9	571.6	578.6	585.7
22.5°	889.1	860.9	825.6	818.5	783.2	748.0	585.7	522.2	486.9	486.9	508.0
25°	726.8	712.7	677.4	663.3	649.2	599.8	493.9	444.5	430.4	416.3	437.5
27.5°	620.9	613.9	592.7	571.6	557.4	508.0	430.4	388.1	374.0	374.0	374.0
30°	557.4	557.4	529.2	486.9	486.9	430.4	366.9	338.7	324.6	324.6	317.5
32.5°	522.2	508.0	472.8	444.5	423.4	366.9	324.6	296.4	275.2	275.2	282.2
35°	423.4	423.4	416.3	395.1	366.9	310.5	275.2	247.0	232.9	225.8	232.9
37.5°	374.0	352.8	324.6	331.6	317.5	268.1	232.9	211.7	190.5	190.5	190.5
40°	338.7	317.5	289.3	268.1	261.1	239.9	204.6	169.3	148.2	141.1	141.1
42.5°	303.4	289.3	247.0	211.7	204.6	204.6	155.2	127.0	105.8	105.8	105.8
45°	282.2	261.1	225.8	183.5	148.2	155.2	127.0	91.7	77.6	70.6	70.6
47.5°	268.1	247.0	197.6	155.2	112.9	112.9	91.7	63.5	49.4	42.3	42.3
50°	247.0	225.8	176.4	127.0	84.7	70.6	56.4	35.3	21.2	14.1	14.1
52.5°	232.9	211.7	155.2	105.8	70.6	49.4	35.3	7.1	0.0	0.0	0.0
55°	211.7	183.5	134.1	84.7	56.4	28.2	7.1	0.0	0.0	0.0	0.0
57.5°	183.5	162.3	105.8	63.5	35.3	7.1	0.0	0.0	0.0	0.0	0.0
60°	155.2	134.1	84.7	49.4	14.1	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	127.0	112.9	63.5	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	105.8	84.7	49.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	91.7	70.6	35.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	70.6	49.4	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	49.4	35.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	35.3	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	21.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	7.1	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°	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7
2.5°	8975.5	9187.2	9384.8	9441.2	9596.4	10026.9	10026.9	10231.5	10598.4	10732.5	10760.7
5°	7571.3	7797.1	7839.4	8276.9	8481.6	8919.0	9208.3	9899.9	10316.2	10577.3	10739.5
7.5°	5757.9	5835.5	5997.8	6407.0	6809.2	7338.5	7888.8	8770.9	9504.7	9801.1	10351.5
10°	3958.5	4191.4	4544.2	4911.1	5539.1	6124.8	6837.5	7670.1	8573.3	8940.2	9413.0
12.5°	2667.2	2991.8	3556.3	4078.5	4657.1	5249.8	5927.2	7042.1	8065.2	8573.3	9046.1
15°	1559.4	1954.6	2441.4	3288.2	4057.3	4720.6	5398.0	6527.0	7768.9	8425.1	9003.7
17.5°	790.3	910.3	1312.5	2046.3	3062.4	4149.0	5158.1	6597.6	7994.7	8799.1	9278.9
20°	592.7	628.0	740.9	1086.7	2095.7	3429.3	4932.3	6703.4	8622.7	9603.5	9864.6
22.5°	515.1	543.3	592.7	705.6	1178.4	2624.9	4614.8	6964.5	9476.5	10400.8	10951.2
25°	437.5	465.7	508.0	578.6	755.0	1785.2	4226.7	7239.7	10238.6	11402.8	11917.9
27.5°	381.0	402.2	444.5	501.0	613.9	1136.0	3556.3	7606.6	11402.8	12616.5	12750.6
30°	324.6	345.8	381.0	444.5	522.2	804.4	2610.8	7656.0	12044.9	13145.7	13519.7
32.5°	282.2	289.3	331.6	388.1	437.5	635.1	1834.6	7705.4	12517.7	13830.2	13907.8
35°	232.9	247.0	289.3	324.6	381.0	501.0	1390.1	7458.4	13131.6	14535.8	14514.6
37.5°	190.5	211.7	239.9	268.1	310.5	423.4	1107.8	6999.8	13900.7	15629.5	14966.2
40°	148.2	169.3	197.6	232.9	261.1	381.0	832.6	6308.2	14705.1	16165.8	15460.1
42.5°	105.8	120.0	148.2	183.5	232.9	317.5	599.8	5489.7	15022.7	16793.8	16052.9
45°	77.6	91.7	112.9	155.2	239.9	254.0	416.3	4741.8	15361.4	17069.0	15918.8
47.5°	42.3	56.4	84.7	134.1	211.7	190.5	296.4	4071.4	15749.5	17315.9	16024.6
50°	14.1	21.2	49.4	141.1	169.3	148.2	232.9	3711.6	16130.5	17365.3	16236.3
52.5°	0.0	0.0	28.2	148.2	127.0	112.9	204.6	3570.4	16031.7	17520.6	16102.3
55°	0.0	0.0	7.1	63.5	70.6	84.7	169.3	3563.4	16730.3	17570.0	16836.1
57.5°	0.0	0.0	0.0	21.2	42.3	70.6	148.2	3337.6	17174.8	18797.7	17824.0
60°	0.0	0.0	0.0	7.1	28.2	49.4	112.9	3140.0	17626.4	19348.1	18882.4
62.5°	0.0	0.0	0.0	0.0	7.1	21.2	77.6	2836.6	16716.2	19305.8	19905.6
65°	0.0	0.0	0.0	0.0	0.0	0.0	49.4	2243.9	15036.8	18296.7	19341.1
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	28.2	1552.4	13166.9	17026.6	18303.8
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	938.5	10626.6	14930.9	15523.7
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	402.2	7585.4	11854.4	12736.5
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162.3	4692.4	8665.0	9751.7
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.5	3041.2	6562.3	7402.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	1622.9	4113.8	4784.1
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	705.6	2497.9	2878.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	225.8	1517.1	1728.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	232.9	310.5
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: P599132
 CATALOG NUMBER: IFLD-L-SA7D-722-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7	10005.7
2.5°	10774.8	10979.5	11057.1	10937.1	10951.2	10704.3	10669.0	10323.2	10182.1	10210.3
5°	11268.8	11565.1	11727.4	11593.3	11289.9	10817.2	10386.7	9977.5	9723.5	9596.4
7.5°	11155.9	11487.5	11692.1	11819.1	11473.4	10711.3	10055.1	9286.0	8961.4	8968.4
10°	10534.9	11226.4	11642.7	11480.4	11318.2	10556.1	9540.0	8707.4	8418.1	8446.3
12.5°	10033.9	10803.1	11050.0	11177.0	10845.4	10238.6	9554.1	8601.5	8276.9	8079.4
15°	9723.5	10295.0	10309.1	10506.7	10372.6	10372.6	9702.3	8770.9	8488.6	8269.9
17.5°	9723.5	9850.5	9836.4	9906.9	10132.7	10400.8	10076.3	9455.3	8897.9	8862.6
20°	9942.2	9547.0	9455.3	9483.5	9674.1	10471.4	10901.8	10125.7	9772.8	9659.9
22.5°	10450.2	9582.3	9024.9	8926.1	9511.8	10464.4	11431.1	11184.1	10570.2	10478.5
25°	11148.8	9518.8	8912.0	8785.0	9229.5	10718.4	12157.8	12207.2	11649.8	11459.3
27.5°	11812.1	9801.1	8897.9	8869.7	9455.3	10661.9	12658.8	13025.8	12397.8	12242.5
30°	12037.9	10083.3	9159.0	8785.0	9540.0	10866.6	12644.7	13604.4	13195.1	13230.4
32.5°	12306.0	10365.6	9187.2	9039.0	9899.9	11198.2	13046.9	14535.8	14239.4	13823.1
35°	12701.2	10746.6	9455.3	9321.2	10153.9	11494.6	13131.6	15220.2	15170.8	14684.0
37.5°	13039.9	11120.6	10012.8	10033.9	10930.1	11974.4	13505.6	16059.9	15975.2	15643.6
40°	13279.8	11642.7	10880.7	10937.1	11607.5	12510.7	14168.9	16483.3	17111.3	16624.4
42.5°	13315.1	12108.4	11875.6	12327.2	12955.2	13343.3	14437.0	16772.6	17675.8	17358.3
45°	13449.1	12849.4	13498.5	13830.2	14345.3	14077.1	14422.9	17266.5	17718.1	17555.8
47.5°	13971.3	14197.1	15015.6	16024.6	16208.1	15326.1	14761.6	17344.2	17958.0	17936.9
50°	14514.6	15643.6	16793.8	17464.1	17697.0	16186.9	15079.1	17280.6	18275.6	18106.2
52.5°	15121.4	16899.6	18557.8	19383.4	19256.4	17139.5	15439.0	17795.7	18861.2	18804.8
55°	15502.5	17464.1	19693.9	20844.0	20745.2	18205.0	16582.1	18536.7	19630.4	19489.2
57.5°	16511.5	18381.4	20822.9	21359.1	21620.2	19602.1	17379.4	19750.3	20272.5	20427.7
60°	17344.2	18981.2	21119.2	21895.4	21987.1	20434.8	18776.6	20999.3	21091.0	20568.8
62.5°	18564.9	19214.0	20491.2	21189.8	21662.6	20907.5	20032.6	21669.6	21076.9	21041.6
65°	19461.0	18452.0	19319.9	19708.0	20011.4	20187.8	21295.6	22128.3	20815.8	20131.4
67.5°	18960.0	17012.5	16850.2	16871.4	16963.1	18028.6	20872.3	21006.3	19362.2	18797.7
70°	16687.9	13957.2	13738.4	13907.8	13449.1	14733.4	19157.6	19094.1	17083.1	16497.4
72.5°	13498.5	10175.0	9801.1	10033.9	10139.8	11501.6	16116.4	14479.3	12461.3	12002.6
75°	10725.4	7458.4	6294.1	6858.6	7218.5	8375.7	12588.3	9836.4	8700.3	8079.4
77.5°	8425.1	5645.0	4897.0	4671.2	5002.8	6089.5	9159.0	5165.1	4558.3	4269.0
80°	5341.5	4149.0	4501.9	4177.3	4318.4	4346.6	4770.0	2349.7	1869.9	1848.7
82.5°	3217.6	2836.6	3372.9	1855.8	3379.9	3020.1	1982.8	1065.5	945.5	945.5
85°	2279.2	1757.0	1164.3	755.0	1503.0	1658.2	769.1	550.4	479.8	465.7
87.5°	1143.1	543.3	261.1	169.3	190.5	310.5	91.7	42.3	42.3	35.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)